

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

## 3. ADDRESS OF OPERATOR

Drawer E, Vernal, Utah 84078 801-789-5270

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2075' FSD 662' FSL Section 6, T9S, R17E, S.L.B. &amp; M.

At proposed prod. zone  
same

SWSE

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

13 miles Southwest of Myton, Utah

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

662'

## 16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

±1415

## 19. PROPOSED DEPTH

5300'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5333'

## 22. APPROX. DATE WORK WILL START\*

A.S.A.P.

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12½"	8 5/8"	24# K-55	250'	Circulate to surface
7 7/8"	5½"	15.5# K-55	T.D. 5300'	300 sacks

Drill 12½" hole to approximately 250' set 8 5/8" casing, set up BOP as required and pressure test. Drill 7 7/8" hole to approximately 5300' if production is found feasible set production casing.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE: 6/14/81  
BY: CB Seay

JUN 25 1981

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bill ElliottTITLE District SuperintendentDATE 6-22-81

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

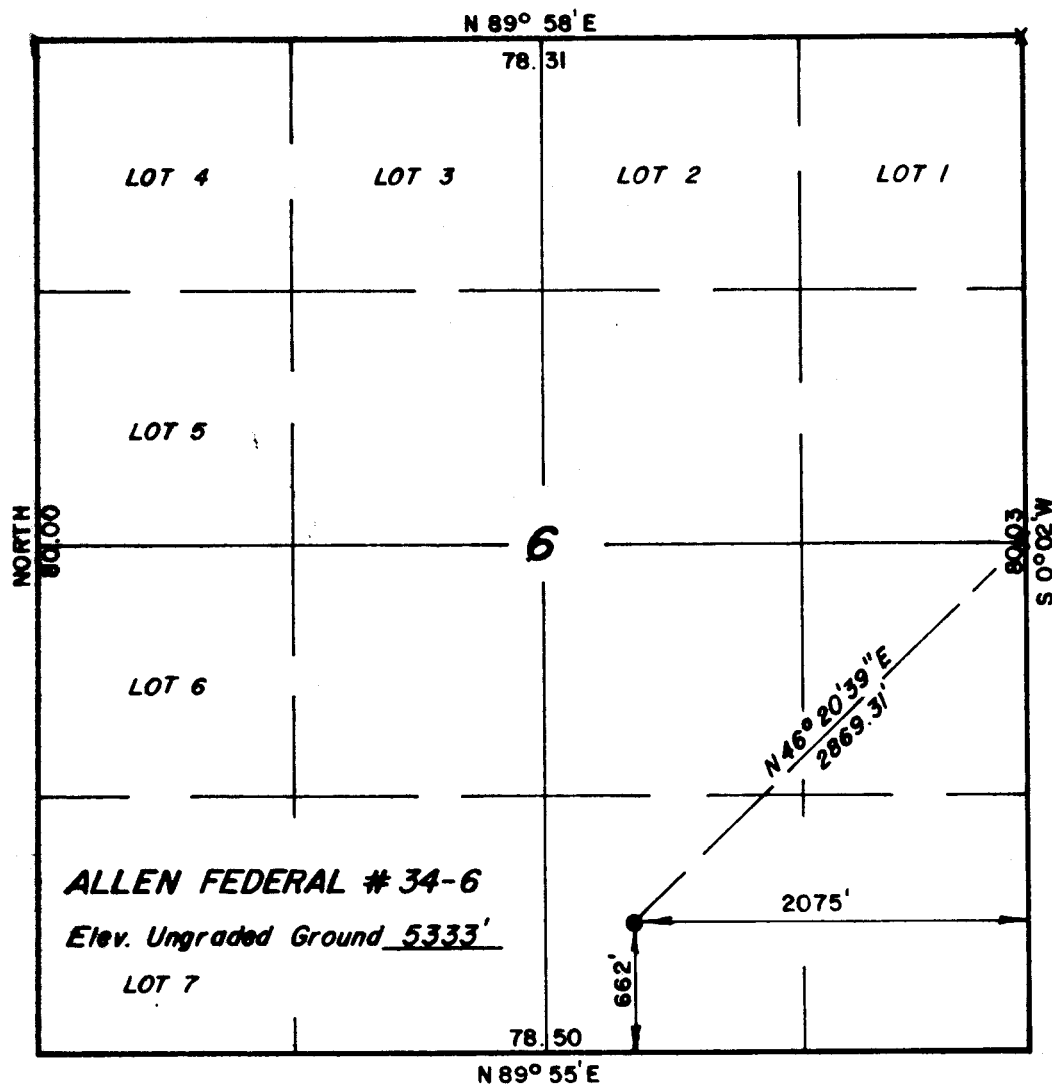
\*See Instructions On Reverse Side

**T 9 S, R 17 E, S.L.B. & M.**

PROJECT

**DIAMOND SHAMROCK CORP.**

Well location, **ALLEN FEDERAL #34-6**,  
located as shown in the SW 1/4 SE 1/4  
Section 6, T9S, R17E, S.L.B.&M., Duchesne  
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Hane Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3184  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
**P O. BOX Q - 85 SOUTH - 200 EAST**  
**VERNAL, UTAH - 84078**

SCALE 1" = 1000'	DATE 6/18/81
PARTY SH TE DC	REFERENCES GLO Plat
WEATHER Hot & Calm	FILE DIAMOND SHAMROCK CORP.

X = Section Corner Located

Diamond Shamrock Corp.  
Allen Fed. #34-6  
PROPOSED LOCATION

TOPO. MAP 'A'

N

SCALE - 1" = 4 MI.

15.3 Miles

Proposed Location  
Allen Fed. #34-6

Diamond Shamrock Corp.  
Allen Fed. #34-6  
PROPOSED LOCATION

TOPO. MAP 'A'

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SCALE - 1" = 4 MI.

15.3 Miles

Proposed Location  
Allen Fed. #34-6

ALLEN FEDERAL #34-6

1. GEOLOGICAL NAME OF SURFACE FORMATION

- (A) Uinta Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

(A) Mahogany Formation	1387'
Douglas Creek V	4739'
Douglas Creek IV	4896'
Douglas Creek III	5027'
Douglas Creek II	5055'
Douglas Creek I	5069'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

- (A) Gas anticipated at 2600' in Evacuation Creek Member  
(Water or Oil not anticipated)
- (B) Oil & Gas anticipated in Basal Green River Formation (Douglas Creek at 5300')

4. PROPOSED CASING PROGRAM

- (A) 250' of 8 5/8" surface casing 32# per foot  
5300' of 5 1/2" 15.5# per foot (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

- (A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe Rams and Blind Rams and Spherical BOP.
- (B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

- (A) Brine water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical-gel fresh water mud will be used and Barite as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper Kelly Cock
- (B) Float At Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. TESTING LOGGING AND CORING PROGRAM

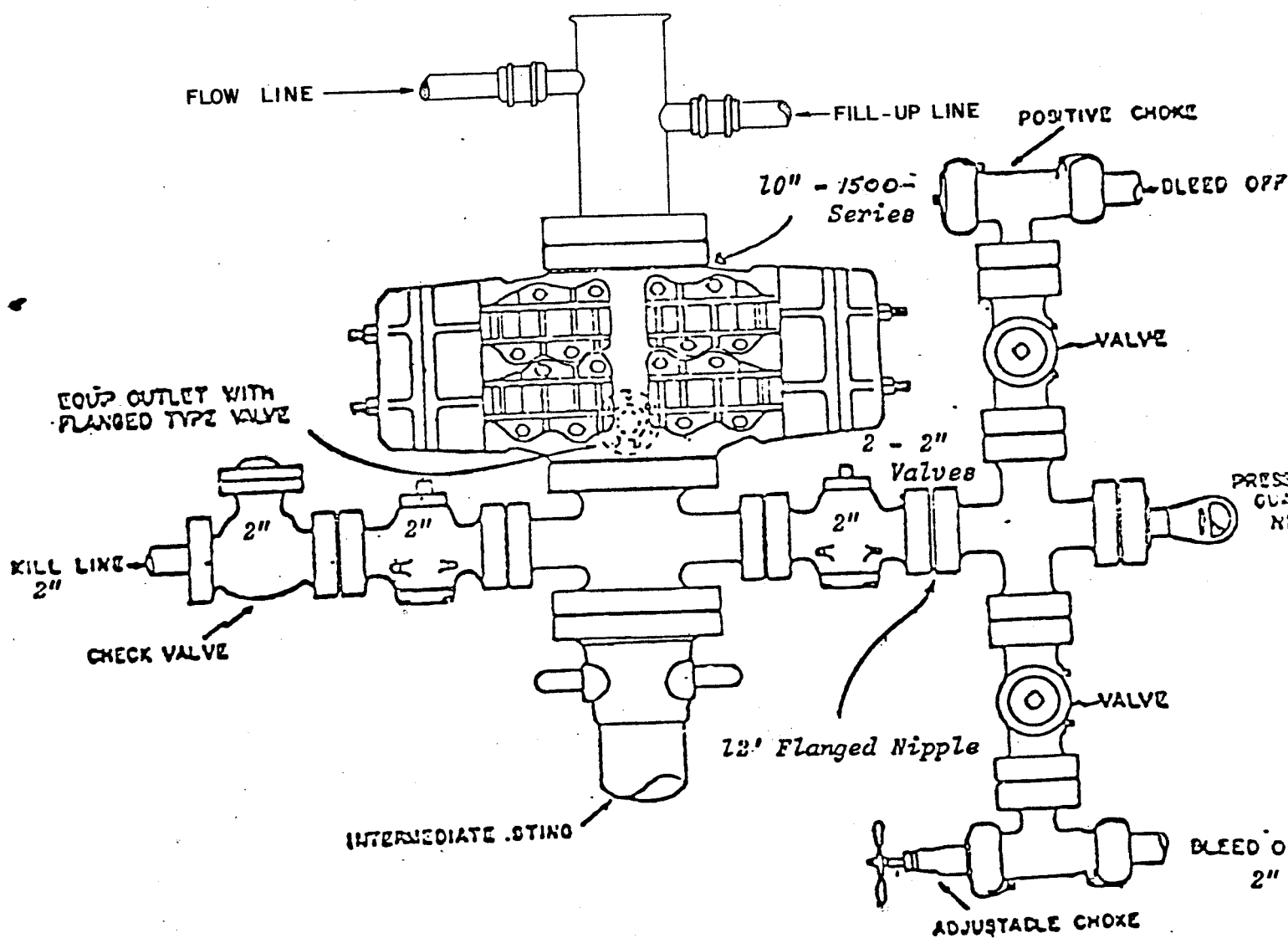
- (A) Drill stem test of Evacuation Creek and Douglas Creek
- (B) Will run dual lateral log, BHC, and CNL-FDC .

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made.
- (B) This well is anticipated to be drilled in approximately 30 days.



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;  
ONE BLIND AND ONE PIPE RAM.

Dirg. A

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Allen Federal #34-6

Located In

Section 6, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION  
Allen Federal #34-6  
Section 6, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Allen Federal #34-6, located in the SW 1/4 SE 1/4 Section 6, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Vernal, Utah along U.S Highway 40 - 49.0 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 9.5 miles to its junction with and existing dirt road to the Southwest proceed Southwesterly along this road 1.8 miles to its junction with the proposed location site.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by County crews

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the SE 1/4 SE 1/4 Section 6, T9S, R17E, S.L.B. & M., and proceeds in a Westerly direction approximately 0.3 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this road.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

There are no known producing wells within a one mile radius of this location site. (See Topographic Map "B")

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing well in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 15.2 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall will be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 14 miles to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

DIAMOND SHAMROCK CORPORATION  
Allen Federal #34-6  
Section 6, T9S, R17E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Allen Federal #34-6. is located approximately 1200' South of Castle Peak Draw a non-perennial drainage which runs to the North & East.

The terrain in the vicinity of the location slopes from the Southwest through the location site to the Southeast at approximately a 3.9% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot  
DIAMOND SHAMROCK CORPORATION  
85 South 200 East  
Vernal, UT 84078

1-801-789-5270

DIAMOND SHAMROCK CORPORATION  
Allen Federal #34-6  
Section 6, T9S, R17E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DIAMOND SHAMROCK CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

June 22, 1981

Date

Bill Elliott

Bill Elliot

Identification CER/EA No. 524-81

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock Corp.  
Project Type Oil and Gas Well - Development  
Project Location 2125' FEL 662' FSL Section 6, T. 9S, R. 17E  
Well No. 34-6 Lease No. U-020252-A  
Date Project Submitted June 23, 1981

FIELD INSPECTION Date July 22, 1981

Field Inspection  
Participants Craig Hansen USGS, Vernal  
Gary Slagel BLM, Vernal  
Bill Elliot Diamond Shamrock

Related Environmental Documents: \_\_\_\_\_

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

7-28-81  
Date Prepared

Craig Hansen  
Environmental Scientist

I concur

JUL 30 1981

Date

W. Maiter FOR E. W. GYNN  
District Supervisor DISTRICT ENGINEER

Typing In 7-27-81 Typing Out 7-28-81

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

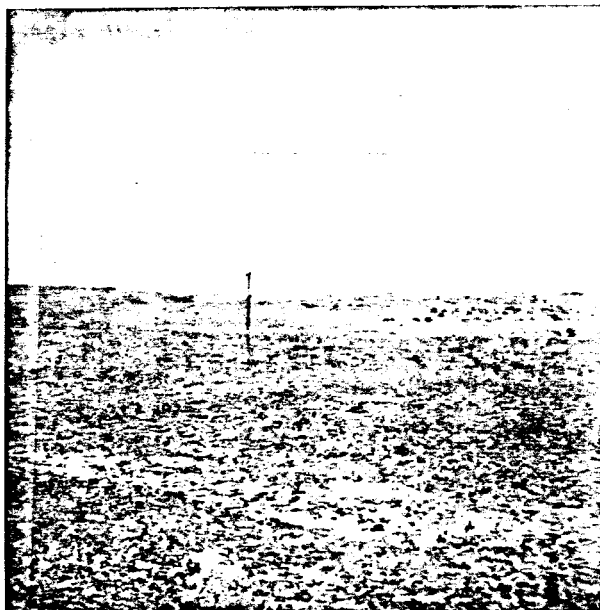
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety	Blm. 7-28-81						2	7-22-81 24,6	
Unique charac- teristics	-						2	24,6	
Environmentally controversial	/						2	24,6	
Uncertain and unknown risks	/					2	2	24,6	
Establishes precedents							2	24,6	
Cumulatively significant	/						2	24,6	
National Register historic places	/								
Endangered/ threatened species	/								
Violate Federal, State, local, tribal law	/								

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

RECOMMENDED STIPULATIONS FOR DIAMOND SHAMROCK #34-6

1. Production facilities will be painted a tan color to blend in with the natural surroundings.
2. Location will be moved 50' west to stay out of drainage.
3. Flowlines will follow existing access roads to major transmission lines.
4. A small berm will be placed on the northedge of the location to reduce water erosion to the location.
5. Operator will adhere to BLM Surface Stipulations.



*Diamond Shamrock  
#34-6 northwest.  
moon Drilling Co. Ltd*

FROM : DISTRICT GEOLOGICAL ENGINEER, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-020252-AOPERATOR: Diamond Shamrock Corp.WELL NO. 34-6LOCATION:  $\frac{1}{2}$  SW  $\frac{1}{2}$  SE  $\frac{1}{2}$  sec. 6, T. 9S., R. 17E., SLB#11Duchesne County, Utah

## 1. Stratigraphy:

Uintah - Surface

Green River ~ 1110'

Douglas Creek ~ 4670'

TD 5300'

2. Fresh Water: Fresh to usable water possible in Uintah and Green River sandstones.

## 3. Leasable Minerals:

Oil shale in Green River. Mahogany zone at ~ 2700'  
operator anticipates gas @ 2600'; oil & gas @ ~ 5300'4. Additional Logs Needed: Adequate - log to top of Green River  
for oil shale.

5. Potential Geologic Hazards: None anticipated.

## 6. References and Remarks:

USGS Files

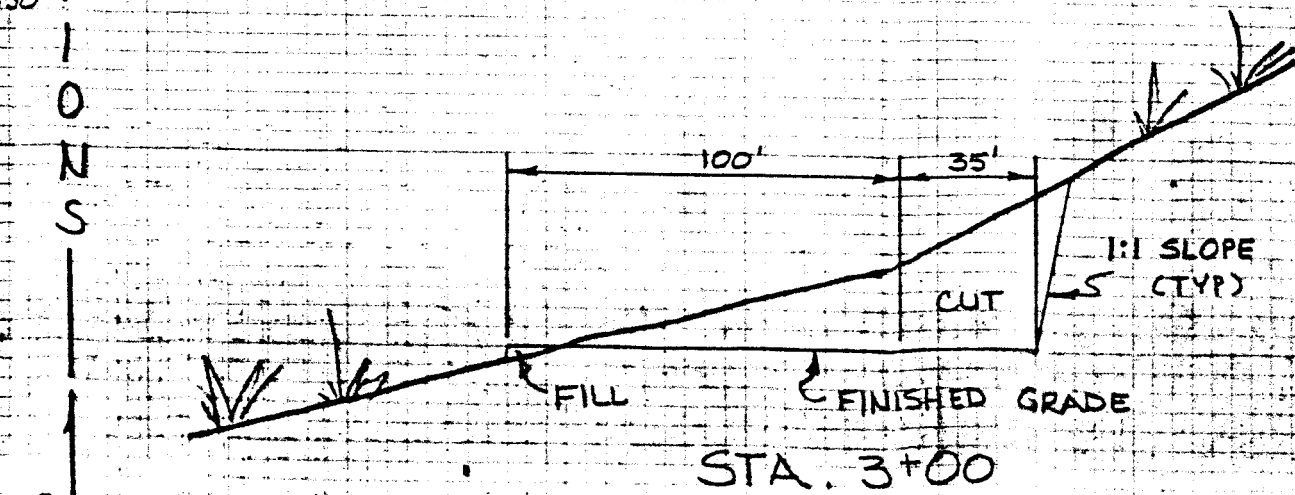
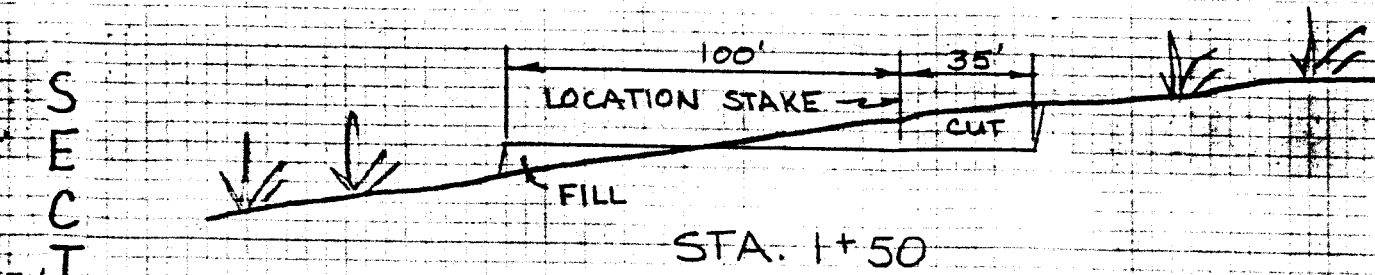
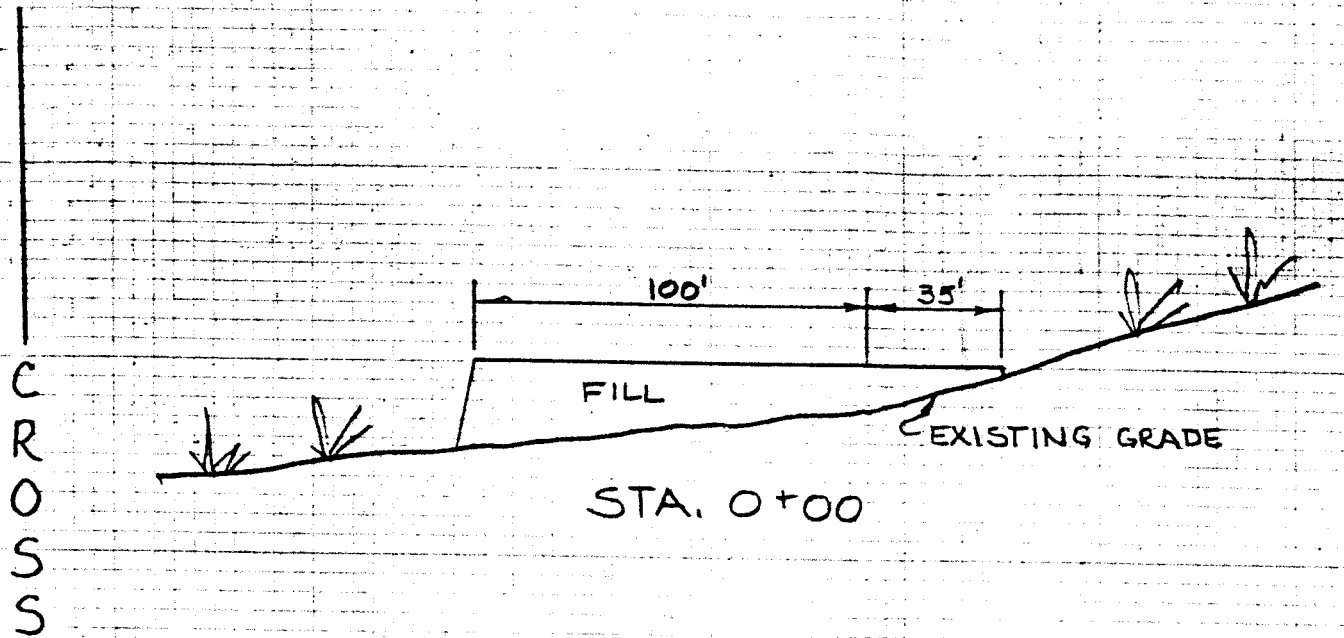
11 maps om-171, MF-797

Signature: Don A. FordDate: 7-17-81

# DIAMOND SHAMROCK CORP.

ALLEN FEDERAL # 34-6

HYDE & CO.  
KECKLER & SONS CO.



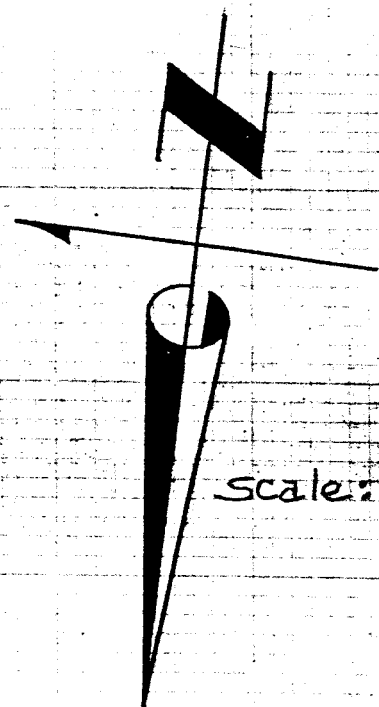
SCALES

1" = 50'

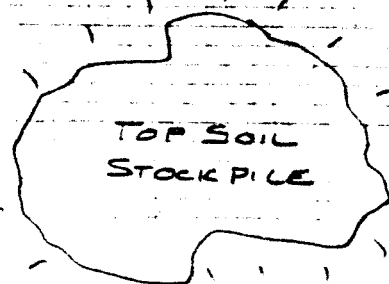
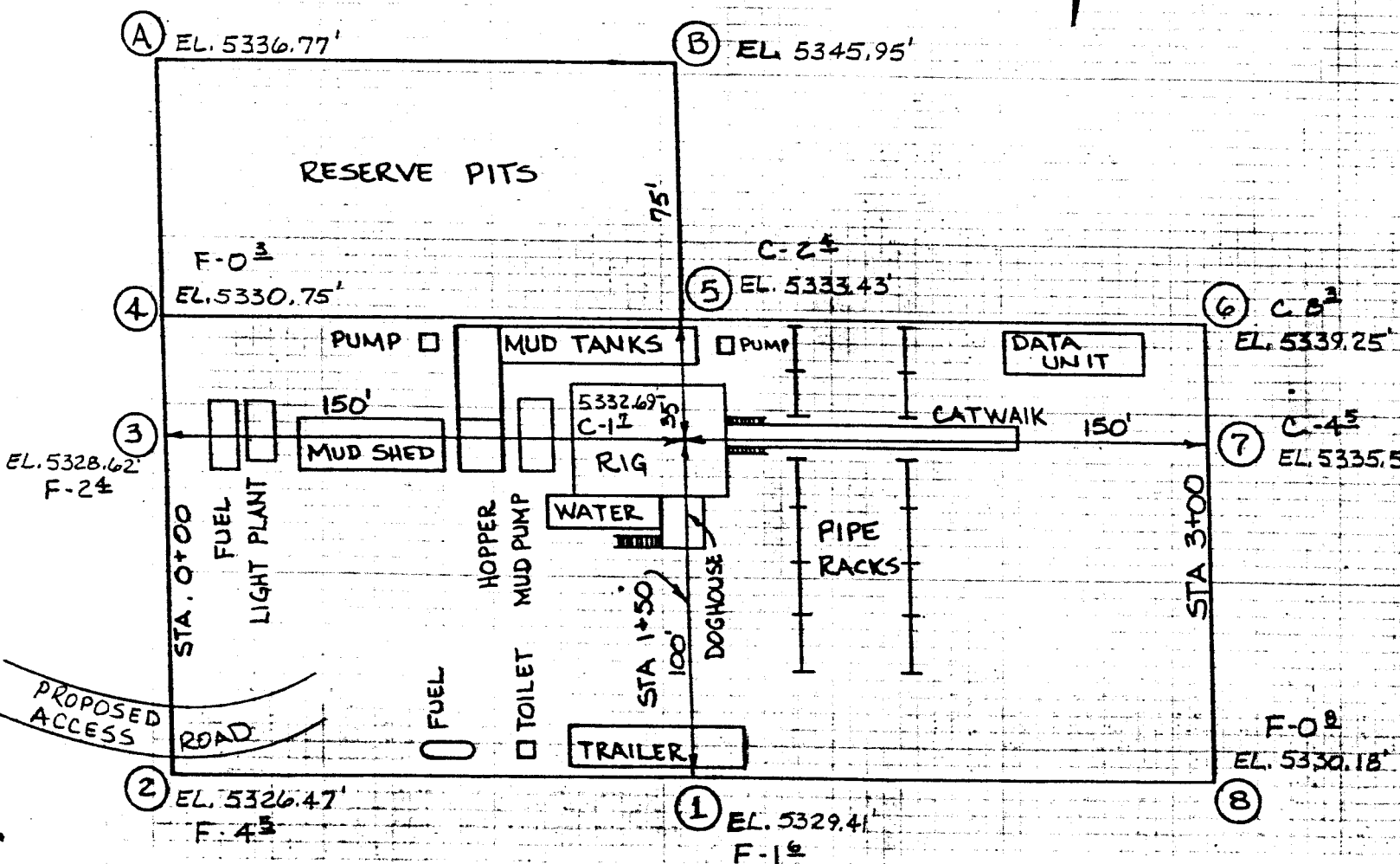
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CUT - 1934.17 CU. YDS.

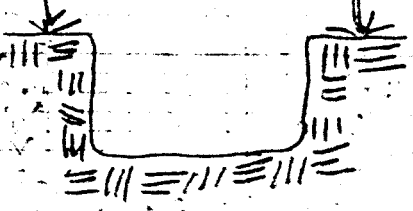
FILL - 1386.39 CU. YDS.



Scale: 1" = 50'



SOILS LITHOLOGY  
-NO SCALE-



LIGHT BROWN SANDY CLAY

Diamond Shamrock Corp.

Allen Fed. # 34-6

PROPOSED LOCATION

TOPO. MAP 'B'



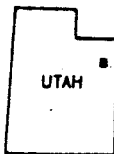
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———

Unimproved dirt - - - - -

○ State Route



QUADRANGLE LOCATION

T8S  
T9S

Proposed Access Road  
0.3 Miles

Liberty St. Hwy 5.95 Miles  
Myton Utah 13.55 Miles



**\*\* FILE NOTATIONS \*\***

DATE: July 8, 1981

OPERATOR: Diamond Shamrock Corp.

WELL NO: Adler Federal #34-6

Location: Sec. 6 T. 9S R. 17E County: Duchesne

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-D13 30586

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK — See stmnt on 13-5

Administrative Aide: as per Rule C-3, OK on boundaries,  
can be approved as an oil well only.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation Fee

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

July 17, 1981

Diamond Shamrock Corp.  
85 South 200 East  
Vernal, Utah 84078

RE: Well No. Allen Federal # 34-6  
Sec. 6, T. 9S, R. 17E  
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, this may be completed as an oil well only.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30586.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

**RECEIVED**  
AUG 03 1981  
DIVISION OF  
OIL, GAS & MINING

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

## 2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

## 3. ADDRESS OF OPERATOR

Drawer E, Vernal, Utah 84078 801-789-5270

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2125' 2075' ~~FEL~~ ~~FED~~ 662' FSL Section 6, T9S, R17E, S.L.B. & M.  
At proposed prod. zone  
same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

13 miles Southwest of Myton, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 662'  
(Also to nearest drilg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. ±1415

## 19. PROPOSED DEPTH

5300'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5333'

## 22. APPROX. DATE WORK WILL START\*

A.S.A.P.

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12½"	8 5/8"	24# K-55	250'	Circulate to surface
7 7/8"	5½"	15.5# K-55	T.D. 5300'	300 sacks NOT ENOUGH WILL HAVE TO PROTECT FRESH WATER AND OIL SHALE

Drill 12½" hole to approximately 250' set 8 5/8" casing, set up BOP as required and pressure test. Drill 7 7/8" hole to approximately 5300' if production is found feasible set 5½" production casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Bill Elliott

TITLE District Superintendent

DATE 6-22-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W. F. Martin

TITLE FOR E. W. GUYNN  
DISTRICT ENGINEER

DATE AUG 03 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NOTICE OF APPROVAL

State of Utah

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

July 23, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: Diamond Shamrock Corporation  
Joint Onsite Inspection  
T9S, R17E, Section 5  
Wells 13-5, 22-5  
T9S, R17E, Section 6  
Wells 12-6, 21-6, 43-6

*Well #34-6 - 28 July '81  
CEB*

Dear Mr. Guynn:

On July 22, 1981, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.

Continued . . . . .

1. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone, or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
2. Well #12-6, the access road will begin at the junction of the Diamond Shanrock location #23-6.
9. For well #34-6, the location will be moved 50' to the west to stay out of the drainage on the east side of the location.
10. The access road for well #43-6 will be changed as discussed at the joint onsite.

An archaeological clearance has been conducted by Archaeological - Environmental Research Corporation of the proposed drill site and access road. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna and their habitats.

Sincerely,

*Timothy P. O'Brien*  
Acting Ralph D. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: USGS, Vernal  
Salt Lake

GS1agel: *[Signature]*

NOTICE OF SPUD

Diamond  
Shamrock

Caller: Chuck Wilson

Phone: \_\_\_\_\_

Well Number: Allen Sec 34-6

Location: SW SE 6-95-17E

County: Duchesne State: Utah

Lease Number: U-020252-A

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 12:00 pm 10-13-81

Dry Hole Spudder/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

Rotary Rig Name & Number: Leon Ross #1

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: Im

Date: 10-15-81

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other

2. NAME OF OPERATOR  
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR  
5730 W. Yellowstone Casper, Wyo. 82601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2075' FEL, 662' FSL, SW/SE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) Spud ☐

☐  
☐  
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☐  
☒

5. LEASE  
U-020252-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Allen Federal

8. FARM OR LEASE NAME

9. WELL NO.  
34-6

10. FIELD OR WILDCAT NAME  
Monument Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 6, T9S, R17E S.L.B.&M.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5333' GR.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded at 12:00 P.M. on 10-21-81 with a dry hole spudder (Leon Ross Rig #1) and drilled a 12 1/4" hole. On 10-22-81 moved a rotary rig (TWT Rig #6) onto location and set 251' of 8 5/8" surface casing.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles H. Wilson TITLE Drlg. Engineer DATE 10-26-81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-020252-A

Communitization Agree Unit No. NA

Field Name Monument Butte

Unit Name NA

Participating Area NA

County Duchesne State Utah

Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 81.

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
34-6	6 SW/SE	9S	17E	DRG					Allen Federal 34-6
						10/21/81 -	Spud @ 12:01 P.M. Drill to 251'		
							Set 8 5/8" casing @ 251'. Cement with 200 sxs. WOC		
						10/22/81 -	10/25/81 - Drill from 251' to 2453.		

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate  
(BBLs)

Gas  
(MCF)

Water  
(BBLs)

\*On hand, Start of Month

\*Produced

\*Sold

\*Spilled or Lost

\*Flared or Vented

\*Used on Lease

\*Injected

\*Surface Pits

\*Other (Identify)

\*On hand, End of Month

\*API Gravity/BTU Content

Authorized Signature: [Signature]

Title: Dist. Dirg. Supt.

Address: 5730 W. Yellowstone, Casper, Wyoming

Page        of

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE  
(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

18

5. LEASE DESIGNATION AND SERIAL NO.  
U-020252-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Allen Federal

8. FARM OR LEASE NAME

9. WELL NO.

34-6

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 6, T9S, R17E S.L. B

12. COUNTY OR  
PARISH  
Duchesne13. STATE  
Utah

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

5730 W. Yellowstone, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 2075' FEL 662' FSL SW/SE

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 10/21/81 16. DATE T.D. REACHED 11/2/81 17. DATE COMPL. (Ready to prod.) 11/30/81 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5333' 19. ELEV. CASINGHEAD 5333'

20. TOTAL DEPTH, MD &amp; TVD 5452' 21. PLUG, BACK T.D., MD &amp; TVD 5413' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0-5452 24. ROTARY TOOLS NA 25. CABLE TOOLS NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4690 - 4715 4873 - 4892 5189 - 5230 Green River  
4856 - 4868 5162 - 5177  
25. WAS DIRECTIONAL SURVEY MADE NA

26. TYPE ELECTRIC AND OTHER LOGS RUN

Density Dual Induction &amp; CBL

27. WAS WELL CORED  
NA

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	251'	12 1/4"	200 SXS	None
5 1/2"	15.50#	5452'	7 7/8"	1200 SXS	None

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					2 3/8"	4663'	----

## 30. TUBING RECORD

## 31. PERFORATION RECORD (Interval, size and number)

4690 - 4715	.441"	51 holes
4856 - 4868	.441"	25 holes
4873 - 4892	.441"	39 holes
5162 - 5177	.441"	16 holes
5189 - 5230	.441"	42 holes

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5162 - 5230	3000 gal acid 92,100 gal 12250
4856 - 4892	2000 gal acid 56,100 gal 65000
4715 - 4690	1500 gal acid 58,100 gal 65000

## 33. PRODUCTION

DATE FIRST PRODUCTION 11-30-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11-30-81	HOURS TESTED 24	CHOKE SIZE NA	PROD'N. FOR TEST PERIOD →	OIL—BBL. 77	GAS—MCF. 27	WATER—BBL. 17	GAS-OIL RATIO 350 to 1
FLOW. TUBING PRESS. NA	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 77	GAS—MCF. 27	WATER—BBL. 17	OIL GRAVITY-API (CORR.) 30 @ 60°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

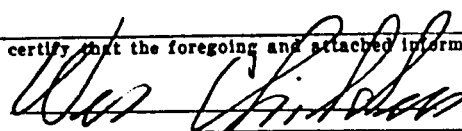
Vented

TEST WITNESSED BY  
Bill Foster

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE Dist. Drlg. Supt.

DATE 12/18/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

ALLEN FEDERAL #34-6  
SW SE Sec. 6, T9S, R17E  
Lease No. U-020252-A  
MONUMENT BUTTE FIELD  
DUCHESNE CO., UTAH

Wellbore Diagram

17  
BALCRON OIL  
6-17-93

SURFACE CASING

8 5/8", K-55, 24#  
6 jts @ 240'  
Landed @ 250' KB  
Cemented W/200 sx, Class-H.  
Cemented to surface.  
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", 15.5#  
137 jts, 15.5#, @ 5462'  
Landed @ 5472' KB  
Cemented w/1200 sx, 50-50 poz  
Cement Top @ 100' from CBL  
Hole Size @ 7 7/8"

TUBING

2 3/8", J-55, 4.7#  
165 jts. @ 5166'  
SN - 2 3/8" x 1.1'  
Perf. Sub - 2 3/8" x 6'  
Mud Anchor - 2 3/8" x 30'  
Total String Length - 5203'  
SN Landed At 5177' KB

SUCKER ROD

1 - 1 3/4"x2' Pony  
15 - 3/4"x25' HBS Rods  
194 - 3/4"x25' Plain Rods  
2 - 3/4"x4' Pony  
3 - 3/4"x2' Pony  
1 - 1 1/2"x22' Polish

PUMP SIZE: 2"x1 1/2"x16' RWBC  
STROKE LENGTH: 50"  
PUMP SPEED, SPM: 6  
PUMPING UNIT SIZE:  
PRIME MOVER:

ACID JOB

4690'-4715' 59,600 gal 15% HCl Acid.  
4856'-4892' 58,100 gal 15% HCl Acid.  
5162'-5230' 95,100 gal 15% HCl Acid.

FRAC JOB

4690'-4715' Frac w/Halliburton on 11-15-81.  
30,000 gal Ver 2400 w/65,000 lbs 20-40 sd., .05 to 4  
lbs/gal @ 30 BPM, max @ 2180psig, avg @ 2000psig,  
ISIP @ 1960psig, 15 min @ 1760psig, 30 min @ 1700psig.  
4856'-4892' Frac w/Halliburton on 11-14-81.  
30,000 gal Ver 2400 w/65,000 lbs 20-40 sd., .05 to 4  
lbs/gal @ 31.2BPM, max @ 2150psig, avg @ 1900psig,  
ISIP @ 1710psig, 15 min @ 1570psig, 30 min @ 1465psig.  
5162'-5230' Frac w/Halliburton on 11-13-81.  
55,000 gal Gel w/122,500 lbs 20-40 sd., .05 to 4  
lbs/gal @ 35 BPM, max @ 2580psig, avg @ 2400psig,  
ISIP @ 2190psig, 15 min @ 2030psig.

PERFORATION RECORD

4690'-4715' (25') 2 SPF  
4856'-4868' (12') 2 SPF  
4873'-4892' (19') 2 SPF  
5162'-5177' (15') 1 SPF  
5189'-5230' (41') 1 SPF

PBTD @ 5413' KB

TD @ 5452' KB

BALCRON OIL

WELL REPORT

WELL NAME: Allen Federal #34-6  
 FIELD: Monument Butte  
 FEDERAL LEASE NO.: U-020252-A  
 LOCATION: SW SE Sec.6,T9S,R17E  
 COUNTY/STATE: Duchesne County,Utah  
 WORKING INTEREST: 0.79942652  
 PRODUCING FORMATION: Green River  
 COMPLETION DATE: 11-30-81  
 INITIAL PRODUCTION: 77 STBOPD,27 MCFPD,17 STBWPD  
 OIL/GAS PURCHASER: Amoco/Universal  
 PRESENT PROD STATUS: 4 STBOPD, 23 MCFPD, 0 STBWPD  
 ELEVATIONS - GROUND: 5315'  
 TOTAL DEPTH: 5452'KB

DATE: 6-17-93

API NO.: 43-013-30586

NET REVENUE INT.: 0.72981781 Oil  
 0.65881769 Gas  
 SPUD DATE: 10-21-81  
 OIL GRAVITY: 30.0 API  
 BHT: 122 Deg.F

KB: 5325' (10'KB)  
 PLUG BACK TD: 5413'KB

SURFACE CASING

STRING: 1  
 CSG SIZE: 8 5/8"  
 GRADE: K-55  
 WEIGHT: 24 lbs.  
 LENGTH: 6 jts @ 240'  
 DEPTH LANDED: 250'KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 200 sx, Class-H.  
 Cemented to surface

PRODUCTION CASING

STRING: 1  
 CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5 lbs.  
 LENGTH: 137 jts @ 5440'  
 DEPTH LANDED: 5450'KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 1200 sx, 50-50 poz  
 CEMENT TOP AT: 100' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8",J-55,4.7#  
 NO. OF JOINTS: 165 jts. @ 5166'  
 TUBING ANCHOR: None  
 NO. OF JOINTS: NA  
 SEATING NIPPLE: 2 3/8" X 1.1'  
 PERF. SUB: 2 3/8" X 6'  
 MUD ANCHOR: 2 3/8" X 30'  
 TOTAL STRING LENGTH: 5203'  
 SN LANDED AT: 5177'KB

PERFORATION RECORD

4690'-4715' (25') 2 SPF  
 4856'-4868' (12') 2 SPF  
 4873'-4892' (19') 2 SPF  
 5162'-5177' (15') 1 SPF  
 5189'-5230' (41') 1 SPF

ACID JOB

4690'-4715' 59,600 gal 15% HCl Acid.  
 4856'-4892' 58,100 gal 15% HCl Acid.  
 5162'-5230' 95,100 gal 15% HCl Acid.

SUCKER ROD RECORD

1 - 1 3/4"x2' Pony  
 15 - 3/4"x25' HBS Rods  
 194 - 3/4"x25' Plain Rods  
 2 - 3/4"x4' Pony  
 3 - 3/4"x2' Pony  
 1 - 1 1/2"x22' Polish

PUMP SIZE: 2"x1 1/2"x16' RWBC  
 STROKE LENGTH: 50"  
 PUMP SPEED, SPM: 6  
 PUMPING UNIT SIZE:  
 PRIME MOVER:  
 Chem. Pump: Model #4321-P-S National

FRAC JOB

4690'-4715' Frac w/Halliburton on 11-15-81.  
 30,000 gal Ver 2400 w/65,000 lbs 20-40 sd., .05 to 4  
 lbs/gal @ 30 BPM, max @ 2180psig, avg @ 2000psig,  
 ISIP @ 1960psig, 15 min @ 1760psig, 30 min @ 1700psig.  
 4856'-4892' Frac w/Halliburton on 11-14-81.  
 30,000 gal Ver 2400 w/65,000 lbs 20-40 sd., .05 to 4  
 lbs/gal @ 31.2BPM, max @ 2150psig, avg @ 1900psig,  
 ISIP @ 1710psig, 15 min @ 1570psig, 30 min @ 1465psig.  
 5162'-5230' Frac w/Halliburton on 11-13-81.  
 55,000 gal Gel w/122,500 lbs 20-40 sd., .05 to 4  
 lbs/gal @ 35 BPM, max @ 2580psig, avg @ 2400psig,  
 ISIP @ 2190psig, 15 min @ 2030psig.

LOGS: Acoustic Cement Bond-Gamma Ray, Cyberlook, Dual Induction-SFL,  
 Compensated Neutron-Formation Density

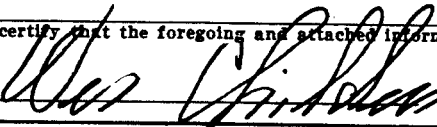
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R55

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:					
NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Diamond Shamrock Corporation					
3. ADDRESS OF OPERATOR 5730 W. Yellowstone, Casper, Wyoming 82601					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2075' FEL 662' FSL SW/SE At top prod. interval reported below At total depth					
14. PERMIT NO. 45-013-30584		DATE ISSUED 7-16-81			
5. DATE SPUDDED 10/21/81		16. DATE T.D. REACHED 11/2/81		17. DATE COMPL. (Ready to prod.) 11/30/81	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5333'		19. ELEV. CASINGHEAD 5333'			
20. TOTAL DEPTH, MD & TVD 5452'		21. PLUG, BACK T.D., MD & TVD 5413'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-5452		CABLE TOOLS NA	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4690 - 4715 4873 - 4892 5189 - 5230 Green River 4856 - 4868 5162 - 5177					25. WAS DIRECTIONAL SURVEY MADE NA
26. TYPE ELECTRIC AND OTHER LOGS RUN Density Dual Induction & CBL					27. WAS WELL CORED NA
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	251'	12 1/4"	200 SXS	None
5 1/2"	15.50#	5452'	7 7/8"	1200 SXS	None
29. LINDER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	PACKER COMMENT*	SCREEN (MD)	
NA					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	4663'	----			
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
4690 - 4715	.441"	51 holes	DEPTH INTERVAL (MD)		
4856 - 4868	.441"	25 holes	AMOUNT AND KIND OF MATERIAL USED		
4873 - 4892	.441"	39 holes	5162 - 5230 3000 gal acid 92,100 gel 122500#		
5162 - 5177	.441"	16 holes	4856 - 4892 2000 gal acid 56,100 gel 65000#		
5189 - 5230	.441"	42 holes	4715 - 4690 1500 gal acid 58,100 gel 65000#		
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-30-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11-30-81	HOURS TESTED 24	CHOKES SIZE NA	PROD'N. FOR TEST PERIOD →	OIL—BBL. 77	GAS—MCF. 27
WATER—BBL. 17		GAS-OIL RATIO 350 to 1			
FLOW. TUBING PRESS. NA	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 77	GAS—MCF. 27	WATER—BBL. 17
OIL GRAVITY-API (CORR.) 30 @ 60°					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY Bill Foster
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED 		TITLE Dist. Dir. Supt.		DATE 12/18/81	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
N/A			Oil Shale Top Horsebench Sand Oil Shale Base Garden Gulch Douglas Creek	1521' 2280' 3116' 3685' 4674'	

RECEIVED  
DEC 23 1981

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356  
MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-020252-A  
Communitization Agreer No. NA  
Field Name Monume. Butte  
Unit Name NA  
Participating Area NA  
County Duchesne State Utah  
Operator Diamond Shamrock Corporation  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 81

(See Reverse of Form for Instructions)

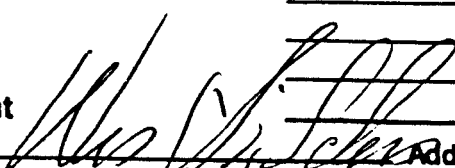
This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
34-6	6 SW/SE	9S	17E	POW					Allen Fed. 34-6
						10/26/81 - Drilling from 2453' to 5452' to			
						11/2/81 - Log. Circ. Lay down D.P.			
						11/3/81 - Run 5 1/2" casing. Set @ 5452' KB. Cement with 1200 sxs. Release rig.			
						11/4/81 - 11/10/81 - WOCT			
						11/11/81 - Rig up. Drill out DV tool. Clean Hole. Displace with KCL water			
						11/12/81 - POOH. Run CBL. Perforate.			
						11/13/81 - Frac. with 95,100 Gal. Acid Gel			
						11/14/81 - RIH with B.P. & set @ 5000'. POOH & Perforate. Frac with 58,000 gal Acid Gel			
						11/15/81 - Flow back Frac. RIH & Set B.P. @ 4760' Perforate. POOH. Frac. with 59,600 gal. Acid Gel.			
						11/16/81 - Flow back Acid Frac. Trips to Retrieve bridge plugs.			
						11/17/81 - Retrieve BTM. B.P. & clean hole. POOH. RIH with Prod. Assy. NU Tree			

\*If none, so state.

Continued

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXX
Authorized Signature: 	Address: 5730 W. Yellowstone, Casper, Wyoming		
Title: Dist. Drlg. Supt.	Page 1 of 2		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329-1)  
(2/76)

OMB 42-R0356

MONTHLY REPORT  
OF  
OPERATIONS  
(Continued)

Lease No. U-020252-A  
Communitization Agreement No. NA  
Field Name Monument Butte  
Unit Name NA  
Participating Area NA  
County Duchesne State Utah  
Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 81

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
34-6	6 SW/SE	9S	17E	POW					Allen Fed. 34-6
						11/18/81	- 11/19/81 - Flow Test.		
						11/20/81	- Run pump & Rods. Release rig. Turn to Production.		



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 5, 1982

Diamond Shamrock Corp.  
85 South 200 East  
Vernal, Utah 84078

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

Well No. Allen Federal #43-6  
Sec. 6, T. 9S, R. 17E  
Duchesne County, Utah  
( October 1981- November 1981)

Well No. Allen Federal #34-6  
Sec. 6, T. 9S, R. 17E  
Duchesne County, Utah  
(November 1981)

Well No. Allen Federal 21-6  
Sec. 6, T. 9S, R. 17E  
Duchesne County, Utah  
( November 1981)

Well No. Castle Peak #31-15  
Sec. 15, T. 9S, R. 16E  
Duchesne County, Utah  
( November 1981)

Well No. Coyote Basin Fed. #34-12  
Sec. 12, T. 8S, R. 24E  
Uintah County, Utah  
( November 1981)



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 13, 1982

Diamond Shamrock Corporation  
5730 W. Yellowstone  
Casper, Wyoming 82601

Re: Well No. Allen Federal #14-6  
#43-6  
#34-6

Sec. 6, T. 9S, R. 17E  
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 9-22-81, 12-18-81 and 12-18-81, from the above referred to wells, indicates the following electric logs were run: #14-6, Compensated Neutron Form, Density, Computer Processed Log, Dual Induction-- #43-6, Acoustic cement bond - Gamma Ray Log, DI-SFL, CN-FD--#34-6, Density Dual Induction & CBL. As of todays date, this office has not received these logs: #14-6, Computer Processed Log-- #43-6, Acoustic cement bond - Gamma Ray Log-- #34-6, Density Dual Induction & CBL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐  
well well

2. NAME OF OPERATOR

DIAMOND CHEMICAL CO. (formerly DIAMOND SHAMROCK)

3. ADDRESS OF OPERATOR

P.O. Drawer "E", Vernal, Utah 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) lay surface gas lines ☒

5. LEASE

U-020252A ☒

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ALLEN FEDERAL ☒

9. WELL NO.

10. FIELD OR WILDCAT NAME

Monument Butte Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 6, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DIAMOND CHEMICAL COMPANY requests permission to lay a dry gas distribution system to all wells within federal lease U-020252A. These dry gas lines will be 1" and 2" polyethylene pipe and will be laid parallel to the existing wet gas gathering system as shown on the attached topo map. Approximate pressure will be 50 psig.

These lines will be laid along lease and access roads wherever possible, will be cased and buried at road crossings, and will not create a surface disturbance.

The laying of these lines will allow DIAMOND CHEMICAL to severely reduce the amount of downtime we are now experiencing caused by the condensation of liquids in fuel gas lines on existing locations & thus increase oil & gas production from this lease.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

John H. Ronk

TITLE Production Engineer

DATE 9-12-83

(This space for Federal or State official use)

APPROVED BY

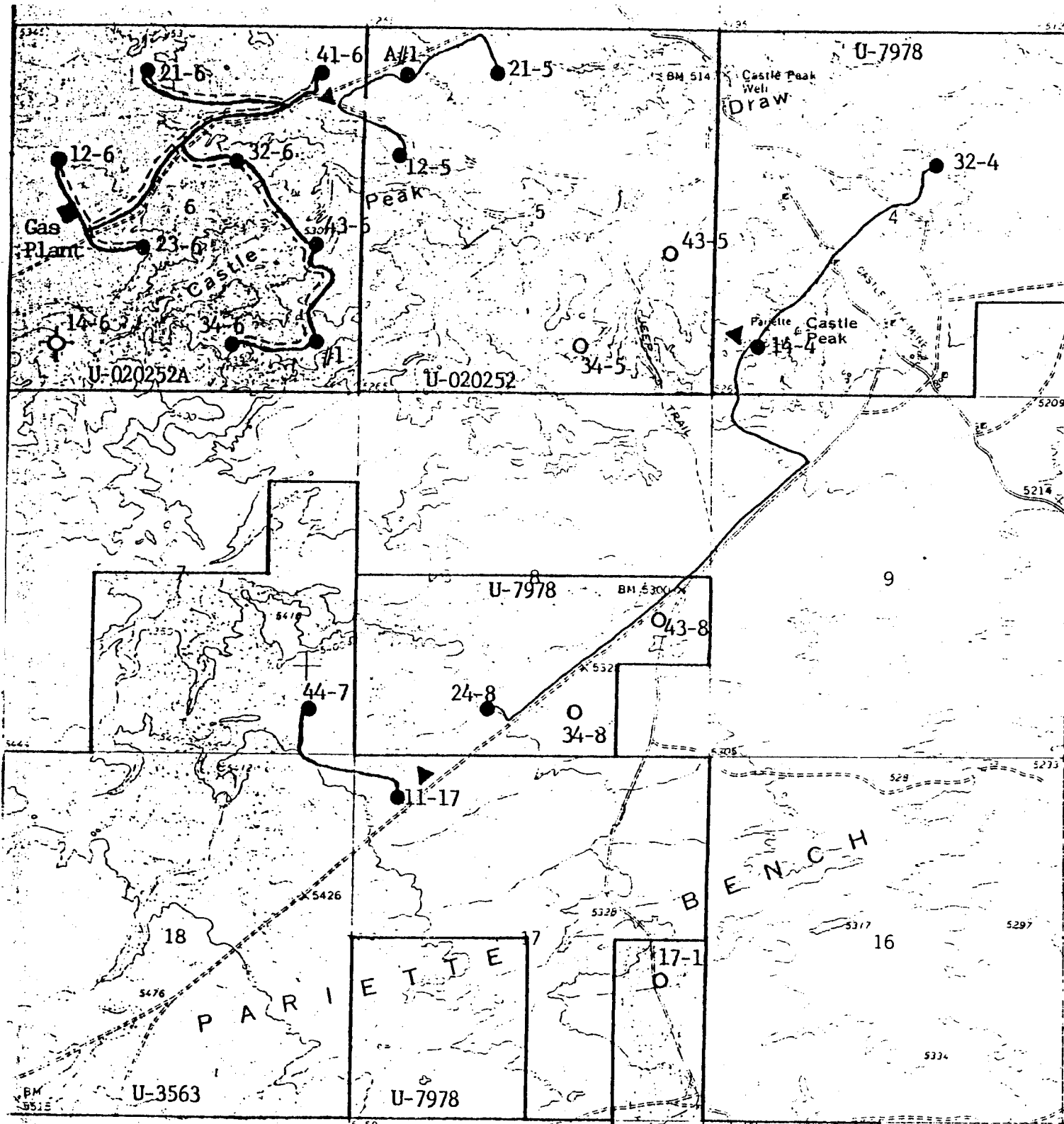
TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9/15/83

BY: [Signature]



1 5 5  
T 9 5  
PARIETTE DRAW SW  
4064 III SW  
3  
10  
2'30"  
433  
432  
15  
431

MONUMENT BUTTE FIELD  
GAS GATHERING SYSTEM

- Existing Gas Line
- - - - - Proposed Gas Line
- ▲ Proposed Metering Facility



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

DOGM 56-64-2  
an equal opportunity employee

Page 1 of 6

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.  
2001 ROSS AVE #1500  
DALLAS TX 75201  
ATTN: PAT COTE

**RECEIVED**  
JUN 05 1987

Utah Account No. N0340

Report Period (Month/Year) 4 / 87

Amended Report ☐

DIVISION OF  
OIL, GAS & MINING

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
X 4301315779	01110 09S 17E 6		GRRV	23	71	238	-0-
X EAST RED WASH 2-5							
X 4304720252	01112 08S 25E 5		GRRV	-0-	-0-	-0-	-0-
X ALLEN FEDERAL A-1							
X 4301315780	01115 09S 17E 5		GRRV	-0-	-0-	-0-	-0-
X ALLEN FEDERAL 23-6							
X 4301330558	01120 09S 17E 6		GRRV	30	225	1825	7
X ALLEN FEDERAL 32-6							
X 4301330559	01120 09S 17E 6		GRRV	30	115	925	-0-
X ALLEN FEDERAL 41-6							
X 4301330581	01120 09S 17E 6		GRRV	30	321	2838	-0-
X ALLEN FEDERAL 43-6							
X 4301330583	01120 09S 17E 6		GRRV	30	199	1705	26
X ALLEN FEDERAL 21-6							
X 4301330584	01120 09S 17E 6		GRRV	30	230	1234	-0-
X ALLEN FEDERAL 34-6							
X 4301330586	01120 09S 17E 6		GRRV	30	209	1577	8
X ALLEN FEDERAL 13-6							
X 4301330918	01120 09S 17E 6		GRRV	30	125	1047	-0-
X ALLEN FEDERAL 22-6							
X 4301330919	01120 09S 17E 6		GRRV	30	186	2692	8
X ALLEN FEDERAL 12-5							
X 4301330611	01125 09S 17E 5		GRRV	30	230	1186	-0-
X ALLEN FEDERAL 12-6							
X 4301330582	01135 09S 17E 6		GRRV	30	556	2595	3
TOTAL					2467	17862	52

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 6-2-87

Pat Cote  
Authorized signature

Telephone (214) 979-2822

Maxus Energy Corporat  
LTV Center  
2001 Ross Avenue  
Dallas, Texas 75201  
214 979-2800

RECEIVED  
JUN 05 1987

060810

DIVISION OF  
OIL, GAS & MINING

June 2, 1987

**MAXUS**

Utah Division of Oil, Gas & Mining  
Attn: Norm Stout  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

*Pat Cote*

Pat Cote  
Production Clerk, Oil Revenue  
Maxus Exploration  
(214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: 6-10-87  
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,  
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL  
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GOVT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL  
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: [Signature]

DATE: 6-2-87



# BALCRON OIL

A Division of  
Equitable Resources Energy Company

P.O. Box 21017  
1601 Lewis Avenue Building  
Billings, Montana 59104  
(406) 259-7860

RECEIVED

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero  
State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil  
P.O. Box 21017  
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all  
your help, Lisha.*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. <b>SEE ATTACHED LIST</b>	
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>EQUITABLE RESOURCES ENERGY COMPANY</b>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>P.O. Box 21017; Billings, MT 59104 (406)259-7860</b>		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		9. WELL NO.  10. FIELD AND POOL, OR WILDCAT  11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	
12. COUNTY		13. STATE	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	Change of Operator <input checked="" type="checkbox"/>

APPROX. DATE WORK WILL START \_\_\_\_\_

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION \_\_\_\_\_

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY  
 P.O. Box 21017  
 Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

**RECEIVED**

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Attorney-in-Fact DATE October 8, 1991

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

Maxus Exploration Comp  
P.O. Box 2530  
Mills, Wyoming 82644  
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF  
OIL GAS & MINING

**MAXUS**

October 7, 1991

State of Utah  
Division of Oil & Gas  
3 Triad Center, Ste. 350  
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus  
Exploration Company Wells

Dear Sir:

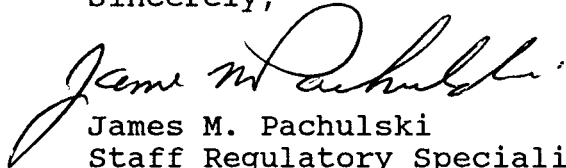
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil  
P.O. Box 21017  
Billings, Montana 59104  
Attn: Bobbie Schuman  
Coordinator of Environmental and Regulatory  
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,

  
James M. Pachulski  
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation  
717 North Harwood Street  
Dallas, Texas 75201  
214 953-2000

11/1/91

**MAXUS**

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND  
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO  
P. O. BOX 21017  
BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL  
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~. I JUST WANTED TO  
GIVE YOU THEIR NAME AND ADDRESS.

*Nancy Lawrence*

Nancy Lawrence / 214/953-2177  
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF  
OIL GAS & MINING



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 SOUTH 500 EAST  
VERNAL, UTAH 84078



IN REPLY REFER TO:

3162.3  
UT08438

JAN 02 1992

Equitable Resources Energy Company  
Attn: Bobbie Schuman  
P.O. Box 21017  
Billings, Montana 59104

42-012-30586  
Re: Well No. Allen Federal 34-6  
SWSE, Sec. 6, T9S, R17E  
Lease U-020252-A  
Uintah County, Utah

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for Minerals

cc: Maxus Exploration Company

**RECEIVED**

JAN 06 1992

DIVISION OF  
OIL, GAS & MINING

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- ADA 7- LCR

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

TO (new operator) BALCRON OIL  
(address) P. O. BOX 21017  
1601 LEWIS AVENUE BUILDING  
BILLINGS, MT 59104  
phone (406) 259-7860  
account no. N9890 (12-5-91)

FROM (former operator) MAXUS EXPLORATION COMPANY  
(address) 717 N. HARWOOD, STE 2900  
DALLAS, TX 75201.  
JAMES PACHULSKI (WYO)  
phone (307) 266-1882  
account no. N 0865

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

# OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-10-91)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-9-91)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: dba 097441. (Owned by Equitable Resources Energy Company #134640)
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-10-92)
6. Cardex file has been updated for each well listed above. (1-13-92)
7. Well file labels have been updated for each well listed above. (1-13-92)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-10-92)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      19    . If yes, division response was made by letter dated                      19    .

## INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## MICROFILMING

1. All attachments to this form have been microfilmed. Date:                      19    .

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

- 911007 Btm/Vernal "No documentation as of yet."
- 911025 Btm/Vernal "Have documentation - not approved as of yet." Will notify DOBm when approved.
- 911125 Btm/Vernal " "
- 911231 Btm/Vernal " "
- 920110 Balceron/Bobby Schuman Reg. Transfer of Authority to Inject "Parvett Bench Unit #4" and 134-35 Sundry for operator change "Castlepeak St. 43-16."

UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)Page 1 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE  
MAXUS EXPLORATION COMPANY  
717 N. HARWOOD, STE 2900  
DALLAS TX 75201-

Utah Account No. N0865Report Period (Month/Year) 12 / 91Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
MONMNT BUTTE 1-34							
✓ 4301330736	00030 09S 16E	1	GRRV				
MONMNT BUTTE 1-24							
✓ 4301330701	00050 09S 16E	1	GRRV				
ALLEN FEDERAL #1							
✓ 4301315779	01110 09S 17E	6	GRRV				
ALLEN FEDERAL A-1							
✓ 4301315780	01115 09S 17E	5	GRRV				
ALLEN FEDERAL 23-6							
✓ 4301330558	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 32-6							
✓ 4301330559	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 41-6							
✓ 4301330581	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 43-6							
✓ 4301330583	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 21-6							
✓ 4301330584	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 34-6							
✓ 4301330586	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 13-6							
✓ 4301330918	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 22-6							
✓ 4301330919	01120 09S 17E	6	GRRV				
ALLEN FEDERAL 12-5							
✓ 4301330611	01125 09S 17E	5	GRRV				
TOTAL							

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_



EQUITABLE RESOURCES ENERGY COMPANY,  
BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860  
FAX: (406) 245-1364

March 4, 1993

State of Utah  
Uintah County  
152 East 100 North  
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF  
OIL GAS & MINING

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1	LEC	7-21-93
2	DTB	8-1-93
3	VLC	
4	RJF	
5	RWM	
6	ADA	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>	FROM (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address)	<u>PO BOX 21017</u>
	<u>PO BOX 21017</u>		<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>		
	phone ( <u>406</u> ) <u>259-7860</u>		phone ( <u>406</u> ) <u>259-7860</u>
	account no. <u>N 9890</u>		account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <u>**ALL WELLS**</u>	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-93)
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: 134640.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- lec 6. Cardex file has been updated for each well listed above. (3-19-93)
- lec 7. Well file labels have been updated for each well listed above. (3-19-93)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *#5578314/80,000 Belcher Oil, A Division of Equitable Resources Energy Company.*
2. A copy of this form has been placed in the new and former operators' bond files. *\*upon completion of routing.*
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. *see comments below*

## FILED

1. All attachments to this form have been microfilmed. Date: *March 30* 19*93*.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

*930308 Btm 15.2. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcher Oil Division".*

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER  
BALCRON OIL  
PO BOX 21017  
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
301330736	1-34	00030 09S 16E 1	GRRV				
301330701	1-24	00050 09S 16E 1	GRRV				
301315779	#1	01110 09S 17E 6	GRRV				
301330558	23-6	01120 09S 17E 6	GRRV				
301330559	32-6	01120 09S 17E 6	GRRV				
301330581	41-6	01120 09S 17E 6	GRRV				
301330583	43-6	01120 09S 17E 6	GRRV				
301330584	21-6	01120 09S 17E 6	GRRV				
301330586	34-6	01120 09S 17E 6	GRRV				
301330918	13-6	01120 09S 17E 6	GRRV	W/W			
301330919	22-6	01120 09S 17E 6	GRRV	W/W			
301330611	12-5	01125 09S 17E 5	GRRV				
301330582	12-6	01135 09S 17E 6	GRRV				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

**RECEIVED**

SEP 20 1993

OPERATOR Balcron Oil  
ADDRESS P.O. Box 21017  
Billings MT 59104

OPERATOR ACCT. NO. N 9890

DIVISION OF

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NO.	OIL GAS & MINING WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	10788	11492	4301331195	AF 31-6	Lot 2	6	9S	17E	Duchesne		7/1/93
WELL 1 COMMENTS: Jonah Unit											
D	01120	11492	4301330559	AF 32-6	SW NE	6	9S	17E	Duchesne		7/1/93
WELL 2 COMMENTS:											
D	01120	11492	4301330586	AF 34-6	SW SE	6	9S	17E	Duchesne		7/1/93
WELL 3 COMMENTS:											
D	01120	11492	4301330581	AF 41-6	NE NE	6	9S	17E	Duchesne		7/1/93
WELL 4 COMMENTS:											
D	01120	11492	4301330583	AF 43-6	NE SE	6	9S	17E	Duchesne		7/1/93
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Dawn Schindler  
Signature  
Prod. Acct 9-15-93  
Title Date  
Phone No. (406) 259-7860

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 30 1995

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS DIV OF OIL, GAS & MINERAL RESOURCES

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
U-020252-A

8. If Indian, Allottee or Tribe Name  
n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation  
Jonah Unit

8. Well Name and No.  
Allen Federal #34-6

9. API Well No.  
43-013- 30586

10. Field and Pool, or Exploratory Area  
Monument Butte/Green River

11. County or Parish, State  
Duchesne County, UT

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.  
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SW SE Section 6; T9S, R17E  
662' FSL, 2075' FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>installation of lines</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator proposes to install later production water gathering lines to this well in accordance with the attached procedure. The route was selected to follow existing roads and lines will be buried in the road right-of-way to minimize surface disturbance and environmental impact.

If new or amended right-of-way authorization is required, please consider this the application for that action.

We are requesting approval to install the lines during February 1995 or as soon as possible in order to complete the project before any construction and/or surface disturbance windows begin.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman  
(This space for Federal or State office use)

Regulatory and  
Title Environmental Specialist

Date January 27, 1995

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

JONAH UNIT WATERFLOOD  
Attachment To Sundry Notice For  
Installing Lateral Production Water Gathering Lines

1

Equitable Resources Energy Company, Balcron Oil Division proposes to install produced water gathering lines to three wells in the Jonah Unit located in Duchesne County, Utah. It is proposed to install two-inch polyurathane lines to three wells as follows:

Well Name	Location	Line Length
Allen Federal #12-6	SW NW Section 6, T9S, R17E	750 ft.
Allen Federal #34-6	SW SE Section 6, T9S, R17E	1000 ft.
Monument Butte #1-43	NE SE Section 1, T9S, R16E	500 ft.

Total length of proposed gathering lines: 2250 ft.

The proposed project consists of burying two-inch polyurathane pipe from Balcron Oil's existing main produced water gathering line to the wells listed above. Refer to the attached topographic map for the exact routes of each produced water gathering line. At this time Equitable Resources Energy Company, Balcron Oil Division is applying for approval to install these produced water gathering lines under the following conditions:

- 1) The proposed produced water gathering lines will be laid within the boundaries of the Jonah Unit.
- 2) The proposed produced water gathering line routes were selected to follow existing roads and will be buried in the road right-of-way to minimize surface disturbance and environmental impact.
- 3) The proposed construction will require a 60-foot right-of-way, 30 feet of road with 15 feet on both sides for surface disturbance. All surface disturbance will be kept to a minimum and the 60-foot right-of-way will be reduced whenever possible.
- 4) The pipeline will be trenched and buried on the edge of the existing road. The spoil pile from the trench will be spread temporarily over the road in order to make room to install the polyurathane pipe. The spoil will then be returned to the ditch and the road will be returned to its original elevation. This procedure will eliminate using additional ground to pile the trench spoil and will reduce surface disturbance.
- 5) All right-of-ways will be reclaimed, contoured, and seeded according to specific BLM instructions.
- 6) All produced water gathering lines will be buried five feet in depth.
- 6) The produced water gathering lines will be two-inch SDR-7 polyurathane pipe. The pipe will be installed from 1500 foot rolls and will be laid using a spooling trailer.

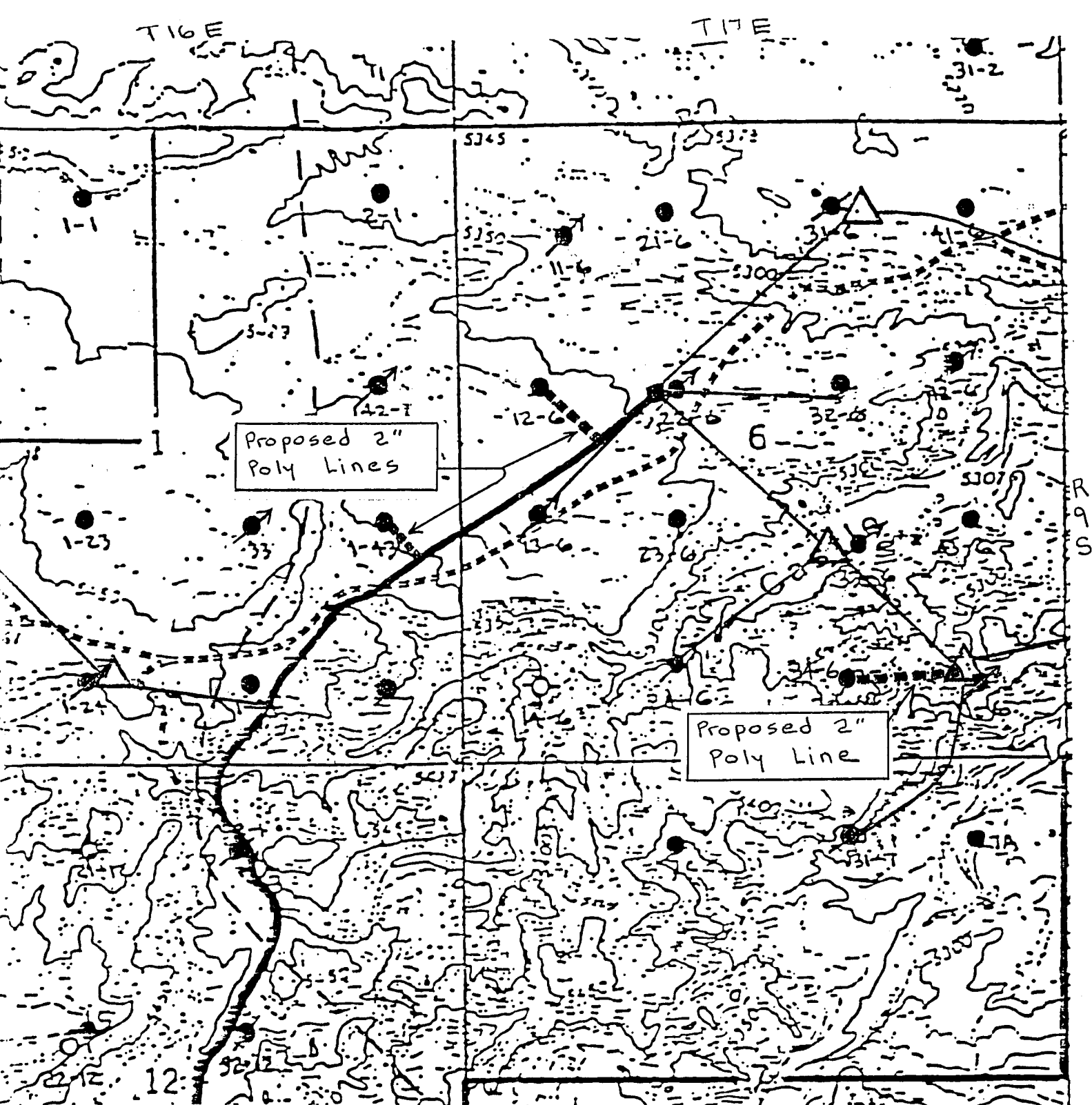
JONAH UNIT WATERFLOOD  
Attachment To Sundry Notice For  
Installing Lateral Production Water Gathering Lines

2

- 7) The produced water gathering lines will be used 365 days per year to transport produced water from the oil production wells listed above to Balcron Oil's existing water injection plant.

Balcron Oil would like to install these produced water injection lines during the month of February 1995 or as soon as possible to complete the project before any construction/surface disturbance windows begin.

1-25-95  
JZ



Existing 4" Poly Line

Existing 2" Poly Line

Proposed 2" Poly Line  
to the AF#12-6, AF#34-6  
& MBF#1-43 will be Laid  
in the existing road ROW  
to reduce environmental  
impact.

Equitable Resources Energy Company  
Balcon Oil Division

Jonah Unit Waterflood  
Monument Butte Field  
Duchesne County, Utah

Proposed Produced Water Lines  
Allen Fed. #12-6, Allen Fed. #34-6  
Monument Butte Fed. #1-43

1-25-95

52

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEC 7-SJ
2	DEC 58-FILE
3	VLD (GIL) 24
4	RJE
5	LEC
6	FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ~~KKK~~ **Operator Name Change Only**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<b>EQUITABLE RESOURCES ENERGY COEROM</b> (former operator)	<b>EQUITABLE RESOURCES ENERGY CO</b>
(address)	<b>1601 LEWIS AVE</b>	(address) <b>BALCRON OIL DIVISION</b>
	<b>BILLINGS MT 59102-4126</b>	<b>1601 LEWIS AVE</b>
		<b>BILLINGS MT 59102-4126</b>
phone (406) 259-7860		phone (406) 259-7860
account no. N9890		account no. N9890

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30586</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Schae Ins. Co. (Bond Rider In Progress)

- Y 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

## FILMING

- WDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

9/20/10 BLM/BIA "Formal approval not necessary".

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 3 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MONUMENT FED 22-12J								
4301315796	11492	09S 16E 12	GRRV					
✓ MONUMENT FED 42-11J								
4301330066	11492	09S 16E 11	GRRV					
✓ ALLEN FEDERAL 23-6								
4301330558	11492	09S 17E 6	GRRV					
✓ ALLEN FEDERAL 32-6								
4301330559	11492	09S 17E 6	GRRV					
✓ ALLEN FEDERAL 41-6								
4301330581	11492	09S 17E 6	GRRV					
✓ ALLEN FEDERAL 12-6								
4301330582	11492	09S 17E 6	GRRV					
✓ ALLEN FEDERAL 43-6								
4301330583	11492	09S 17E 6	GRRV					
✓ ALLEN FEDERAL 21-6								
4301330584	11492	09S 17E 6	GRRV					
✓ ALLEN FEDERAL 34-6								
4301330586	11492	09S 17E 6	GRRV					
✓ FEDERAL 2-1								
4301330603	11492	09S 16E 1	GRRV					
✓ ALLEN FEDERAL 12-5								
4301330611	11492	09S 17E 5	GRRV					
✓ ALLEN FEDERAL 21-5								
4301330612	11492	09S 17E 5	GRRV					
✓ CASTLE PK FED 31-15								
4301330613	11492	09S 16E 15	GRRV					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

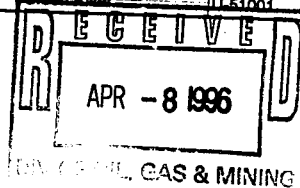
I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

03/27/96														
Revised 3/20/96														
EQUITABLE REOURCES ENERGY COMPANY, WESTERN REGION-OPERATED WELL LIST														
(CURRENT)														
ST = State														
WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ST.	STATUS	ZONE	FED. OR STATE	LEASE NO.	API NUMBER	FOOTAGES	BLM OFFI
														UNIT OR WELL
														FILE NO.
A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (SI)	Green River	ML-3453				
Allen Federal #1-6	Monument Butte	SE SE	6	9S	17E	Duchesne	UT	WTW	Green River	U-020252-A	43-013-15582	660' FSL, 560' FWL		Beluga
Allen Federal #12-5	Monument Butte	SW NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-15779	660' FSL, 660' FEL	Vernal	Jonah
Allen Federal #12-6	Monument Butte	SW NW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30611	1980' FNL, 660' FWL	Vernal	Jonah
Allen Federal #13-6	Monument Butte	NW SW	6	9S	17E	Duchesne	UT	WTW	Green River	U-020252-A	43-013-30582	1980' FNL, 604' FWL	Vernal	Jonah
Allen Federal #21-5	Monument Butte	NE NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-30918	2070' FSL, 578' FWL	Vernal	Jonah
Allen Federal #21-6	Monument Butte	NE NW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-30612	660' FNL, 1980' FWL	Vernal	Jonah
Allen Federal #22-6	Monument Butte	SE NW	6	9S	17E	Duchesne	UT	WTW	Green River	U-020252-A	43-013-30584	660' FNL, 1980' FWL	Vernal	Jonah
Allen Federal #23-6	Monument Butte	NE SW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30919	2141' FNL, 1902' FWL	Vernal	Jonah
Allen Federal #31-6	Monument Butte	NW NE	6	9S	17E	Duchesne	UT	WTW	Green River	U-020252-A	43-013-30558	1980' FSL, 1980' FWL	Vernal	Jonah
Allen Federal #32-6	Monument Butte	SW NE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-31195	660' FNL, 1980' FEL	Vernal	Jonah
Allen Federal #34-6	Monument Butte	SW SE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30559	1980' FNL, 1980' FEL	Vernal	Jonah
Allen Federal #41-6	Monument Butte	NE NE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30586	662' FSL, 2075' FEL	Vernal	Jonah
Allen Federal #43-6	Monument Butte	NE SE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30581	661' FNL, 655' FEL	Vernal	Jonah
Allen Federal A #1	Monument Butte	NW NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30583	1980' FSL, 660' FEL	Vernal	Jonah
Amerada Guinand #1	Coyote Basin	SW NW	7	8S	25E	Uintah	UT	WTW	Green River	U-020252	43-013-15780	660' FNL, 660' FWL	Vernal	Jonah
Asp Federal #1	Wildcat	C/SW	12	16S	19W	Millard	UT	PND	Paleozoic	UTU-69960		1920' FNL, 550' FWL	Vernal	Coyote Basin
Balcron Allen Fed. #31-6G	Monument Butte	NW NE	6	9S	17E	Duchesne	UT	Gas	Green River	U-020252-A	43-013-31442	708' FNL, 2076' FEL	Vernal	
Balcron Coyote Fed. #12-5	Coyote Basin	SW NW	5	8S	25E	Uintah	UT	OSI	Green River	U-063597-A	43-047-32253	1980' FNL, 660' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #13-5	Coyote Basin	NW SW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32261	1605' FSL, 586' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #13-7	Coyote Basin	NW SW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-32255	1980' FSL, 660' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #21-5	Coyote Basin	NE NW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32260	660' FNL, 1980' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #22-7	Coyote Basin	SE NW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-32256	1749' FNL, 1601' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #23-5	Coyote Basin	NE SW	5	8S	25E	Uintah	UT	PND	Green River	U-065597A	43-047-32424	2110' FSL, 1980' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #31-7	Coyote Basin	NW NE	7	8S	25E	Uintah	UT	Oil	Green River	U-020309-D	43-047-32254	561' FNL, 1977' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #33-5	Coyote Basin	NW SE	5	8S	25E	Uintah	UT	Oil	Green River	U-083597-A	43-047-32257	1892' FSL, 2326' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #33-7	Coyote Basin	NW SE	7	8S	25E	Uintah	UT	PND	Green River	U-51001	43-047-32259	751' FSL, 1922' FEL	Vernal	Coyote Basin





**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

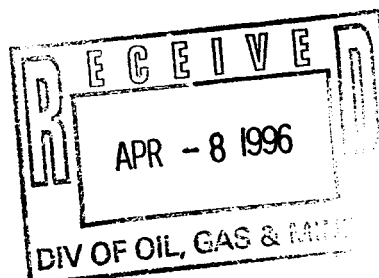
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

## DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:  
See attached listing

6. If Indian, Allottee or Tribe Name:  
n/a

7. Unit Agreement Name:  
See attached listing

8. Well Name and Number:  
See attached listing

9. API Well Number:  
See attached listing

10. Field and Pool, or Wildcat:  
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13.

Name & Signature: Bobbie Schuman  
Bobbie Schuman

Regulatory and  
Title: Environmental Specialist Date: March 27, 1996

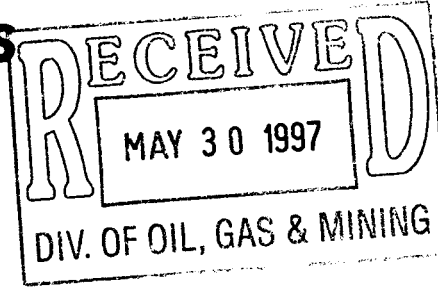
(This space for State use only)



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☐

May 27, 1997

Utah Board Of Oil, Gas, & Mining  
1594 West North Temple  
Suite-1220  
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit  
Beluga Secondary Recovery Unit  
Coyote Basin Secondary Recovery Unit  
Castle Draw (State Section-2) Pilot Waterflood  
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti  
District Production Engineer

## Water Analysis Report

**Customer :** EREC - Western Oil Company

**Address :** 1601 Lewis Avenue

**City :** Billings

**State :** MT **Postal Code :** 59104-

**Attention :** John Zellitti

**cc1 :** Dan Farnsworth

**cc2 :** Joe Ivey

**cc3 :**

**Field :** Monument Butte Field

**Lease :** Allen Federal Lease

**Location :** Well No. 34-06

**Sample Point :** wellhead

**Date Sampled :** 23-Jan-97

**Date Received :** 23-Jan-97

**Date Reported :** 08-Feb-97

**Salesman :** Lee Gardiner

**Analyst :** Karen Hawkins Allen

### CATIONS

**Calcium :** 120 mg/l  
**Magnesium :** 49 mg/l  
**Barium :** 0 mg/l  
**Strontium :** 0 mg/l  
**Iron :** 1.0 mg/l  
**Sodium :** 2898 mg/l  
  
**pH (field) :** 8.39  
**Temperature :** 85 degrees F  
**Ionic Strength :** 0.14  
  
**Resistivity :** ohm/meters  
  
**Ammonia :** ppm  
  
**Comments :**

### ANIONS

**Chloride:** 4,000 mg/l  
**Carbonate:** 120 mg/l  
**Bicarbonate:** 1,281 mg/l  
**Sulfate:** 108 mg/l  
  
**Specific Gravity :** 1.01 grams/ml  
**Total Dissolved Solids :** 8,577 ppm  
**CO2 in Water :** 1 mg/l  
**CO2 in Gas :** 0.03 mole %  
**H2S in Water :** 0.0 mg/l  
**O2 in Water :** 0.000 ppm

### SI calculations based on Tomson-Oddo

<b>Calcite (CaCO3) SI :</b>	2.10	<b>Calcite PTB :</b>	103.8
<b>Gypsum (CaSO4) SI :</b>	-2.33	<b>Gypsum PTB :</b>	N/A
<b>Barite (BaSO4) SI :</b>	N/A	<b>Barite PTB :</b>	N/A
<b>Celestite (SrSO4) SI :</b>	N/A	<b>Celestite PTB :</b>	N/A

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43-013-30586

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

UTU72086A

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

M. Butte/Green River

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

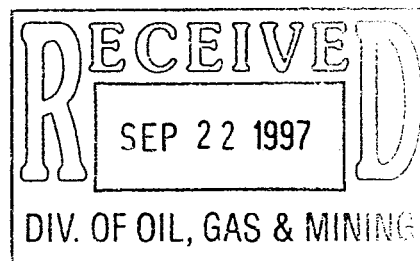
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security Diagram  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached are the Site Security Diagrams for the list of wells on the attached Exhibit.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Agent for Equitable

Title Resources Energy Company

Date 9-15-97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

## Jonah Unit Site Security Diagrams

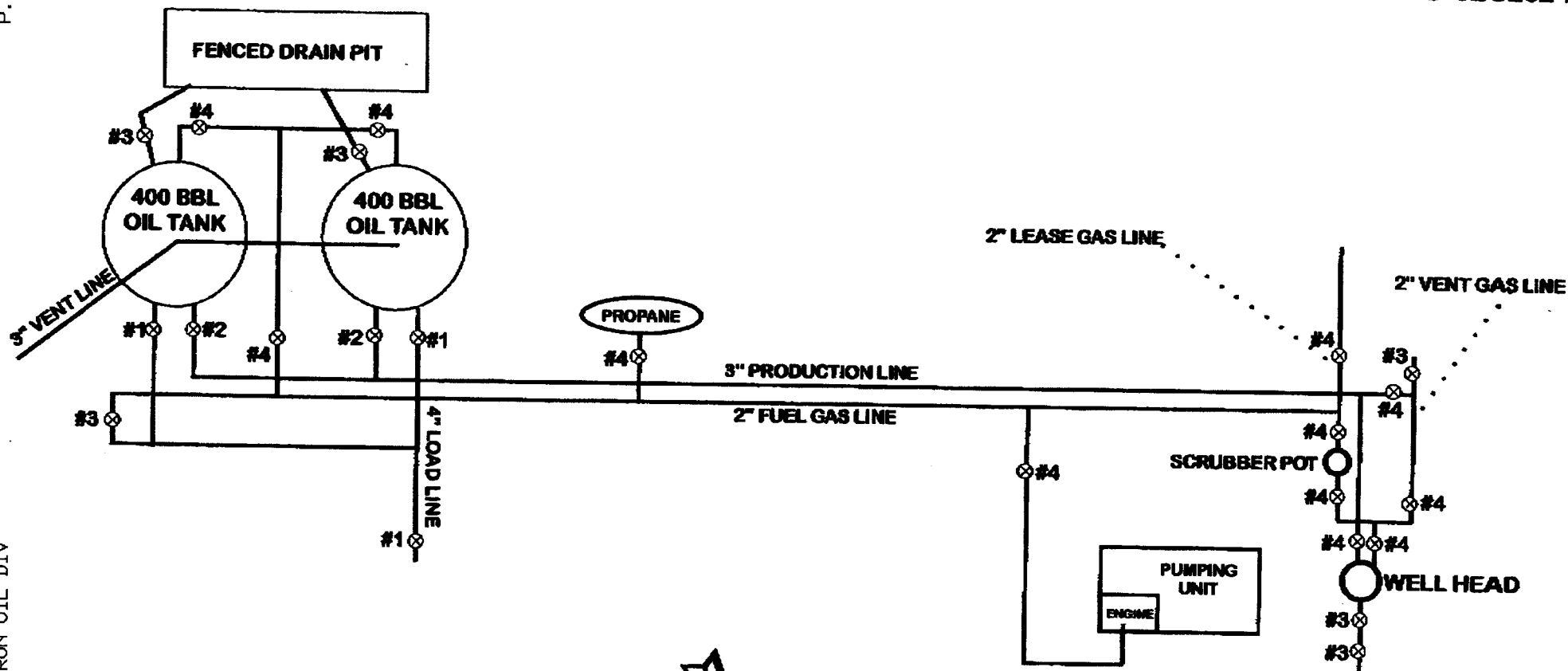
Sheet1

<u>Well Name</u>	<u>Location</u>	<u>County</u>	<u>State</u>	<u>Footages</u>	<u>API Number</u>
Allen Federal #12-5	SW NW Section 5 T9S, R17E	Duchesne	UT	1980' FNL & 660' FWL	43-013-30611
Allen Federal #12-6	SW NW Section 6, T9S, R17E	Duchesne	UT	1980' FNL & 604' FWL	43-013-30582
Allen Federal #21-6	NE NW Section 6, T9S, R17E	Duchesne	UT	660' FNL & 1980' FWL	43-013-30584
Allen Federal #23-6	NE SW Section 6, T9S, R17E	Duchesne	UT	1980' FSL & 1980' FWL	43-013-30558
→ Allen Federal #34-6	SW SE Section 6, T9S, R17E	Duchesne	UT	662' FSL & 2075' FEL	43-013-30586
Allen Federal #43-6	NE SW Section 6, T9S, R17E	Duchesne	UT	1980' FSL & 660' FEL	43-013-30583
Monument Federal #1-43	NE SE Section 1, T9S, R16E	Duchesne	UT	1980' FSL & 660' FEL	43-013-30734
Federal #2-1	NE NE Section 1, T9S, R17E	Duchesne	UT	784' FNL & 812' FEL	43-013-30603

**EQUITABLE RESOURCES ENERGY COMPANY  
ALLEN FEDERAL 34-6  
PRODUCTION FACILITY DIAGRAM**

**ALLEN FEDERAL 34-6  
SW SE SEC. 6, T9S, R17E  
DUCHESE COUNTY, UTAH  
FEDERAL LEASE #U-020252-A**

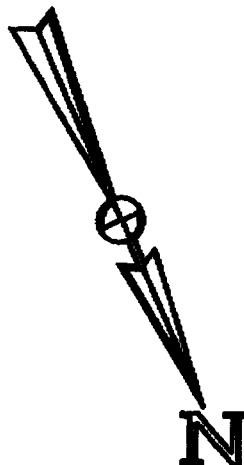
P.3/6



SEP 15 '97 01:45PM BY TIRON OIL DIV

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	CLOSED
VALVE #4	OPEN	OPEN

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES  
ENERGY COMPANY**  
WESTERN REGION

1601 Lewis Avenue  
Boulder, CO 80502  
(303) 440-7000

September 16, 1997

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 6, T9S, R17E  
662' FSL & 2075' FEL

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit  
UTU72086A

8. Well Name and No.

Allen Fed. #34-6

9. API Well No.

43-013-30586

10. Field and Pool, or Exploratory Area

M. Butte/Green River

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

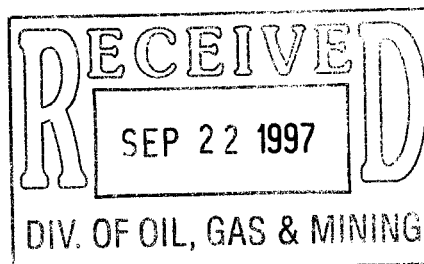
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Onshore Order #7  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

All produced water from this well is hauled to the Monument Butte Gas Plant and is then used as injection water for the Jonah Unit Waterflood project.



14. I hereby certify that the foregoing is true and correct

Agent for Equitable Resources

Signed Molly Conrad

Title Energy Company

Date 9-15-97

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Recomplete  
☐ Convert to Injection ☐ Reperforate  
☐ Fracture Treat or Acidize ☐ Vent or Flare  
☐ Multiple Completion ☐ Water Shut-Off  
☒ Other Change of Operator

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Reperforate  
☐ Convert to Injection ☐ Vent or Flare  
☐ Fracture Treat or Acidize ☐ Water Shut-Off  
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)



# EQUITABLE RESOURCES ENERGY COMPANY

## WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

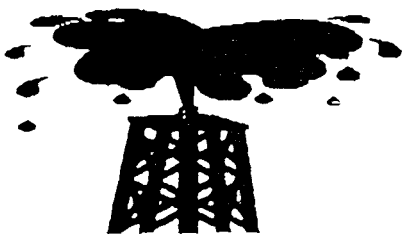
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: Lisha  
St of Utah.

FROM. Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.  
Call if you need anything  
further.

## INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #24-3Y	SESW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31397-00	UTU75037	
✓ BALCRON FEDERAL #44-4Y	SESE 4 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31452-00	UTU65967	
✓ BALCRON FEDERAL #14-3Y	SW SW 3 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31535-00	UTU75037	
✓ MONUMENT FEDERAL #11-11Y	NW NW 119S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31593-00	UTU65210	
✓ MONUMENT FEDERAL #31-5-9-17	NW NE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31680-00	UTU74808	
ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #12-5	SWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30611-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #12-6	SWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30582-00	UTU020252A	UTU72086A
ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #21-5	NENW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30612-00	UTU020252	UTU72086A
✓ ALLEN FEDERAL #21-6	LOT3 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30584-00	UTU020252A	UTU72086A
ALLEN FEDERAL #22-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #23-6	NESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30558-00	UTU020252A	UTU72086A
ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #32-6	SWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30559-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #34-6	SWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30586-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #41-6	NENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30581-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #43-6	NESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30583-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL A #1	NWNW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15780-00	UTU020252	UTU72086A
✓ C&O GOV'T #1	NWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15111-00	UTU035521A	UTU72086A
✓ C&O GOV'T #2	NWSE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15112-00	UTU035521	UTU72086A
C&O GOV'T #4	NESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ CASTLE PEAK FEDERAL #22-15	SESW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30634-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #24-15	SESW 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30631-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #31-15	NWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30613-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #33-15	NWSE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30632-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #44-10	SESE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30630-00	UTU017985	UTU72086A
✓ CASTLE PEAK FEDERAL #42-15	SENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30633-00	UTU017985	UTU72086A
✓ FEDERAL #2-1	NENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30603-00	UTU33992	UTU72086A
✓ GETTY #12-1	NWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30889-00	UTU44426	UTU72086A
✓ GETTY #7-A	NENE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30926-00	UTU44426	UTU72086A
✓ GETTY #7-C	NENW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30961-00	UTU44426	UTU72086A
✓ GOATES FEDERAL #1	SESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15789-00	UTU096547	UTU72086A
✓ GOATES FEDERAL #3	NWNW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15791-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #1-14	SWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30703-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-23	NESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30646-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE #1-34	SWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30736-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-43	NESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30734-00	UTU52013	UTU72086A

**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-IEC	6-IEC
2-CEH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JBB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97

<b>TO: (new operator)</b>	<u>INLAND PRODUCTION COMPANY</u>	<b>FROM: (old operator)</b>	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&amp;G SVS</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

**\*JONAH (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-3058</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-13-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-14-98) \* UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. **Well file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-14-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Y 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*Entity 11492 "Jonah (GP) Unit"*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Y 2. A copy of this form has been placed in the new and former operator's bond files.
- Y 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 1-13-98. If yes, division response was made to this request by letter dated 1-13-98.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on 1-13-98 to Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1-13-98, of their responsibility to notify all interest owners of this change.

## FILMING

- Y 1. All attachments to this form have been microfilmed. Today's date: 2-3-98.

## FILING

- Y 1. Copies of all attachments to this form have been filed in each well file.
- Y 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

980114 BLM/SF Aprv. eff. 1-13-98.

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 3 of 14

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ ALLEN FEDERAL 23-6	4301330558	11492 09S 17E 6	GRRV			4620252A	90000 (67) Unit	
✓ ALLEN FEDERAL 32-6	4301330559	11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 41-6	4301330581	11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 12-6	4301330582	11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 43-6	4301330583	11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 21-6	4301330584	11492 09S 17E 6	GRRV			"		
✓ ALLEN FEDERAL 34-6	4301330586	11492 09S 17E 6	GRRV			"		
✓ FEDERAL 2-1	4301330603	11492 09S 16E 1	GRRV			433992		
✓ ALLEN FEDERAL 12-5	4301330611	11492 09S 17E 5	GRRV			462052		
✓ ALLEN FEDERAL 21-5	4301330612	11492 09S 17E 5	GRRV			"		
✓ CASTLE PK FED 31-15	4301330613	11492 09S 16E 15	GRRV			4017985		
✓ CASTLE PK FED 44-10	4301330630	11492 09S 16E 10	GRRV			4017895		
✓ CASTLE PK FED 24-15	4301330631	11492 09S 16E 15	GRRV			"		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

107-100000-100000  
JAN 14 1998  
FBI SALT LAKE CITY

IN REPLY REFER TO  
UT-931

January 13, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Jonah (Green River) Unit  
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Minerals Adjudication Group U-932  
File - Jonah (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133140600X1</del>	<del>21-12J</del>	<del>NENW</del>	<del>12</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU096550</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133142200X1</del>	<del>21-15J</del>	<del>NENW</del>	<del>15</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU017985</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

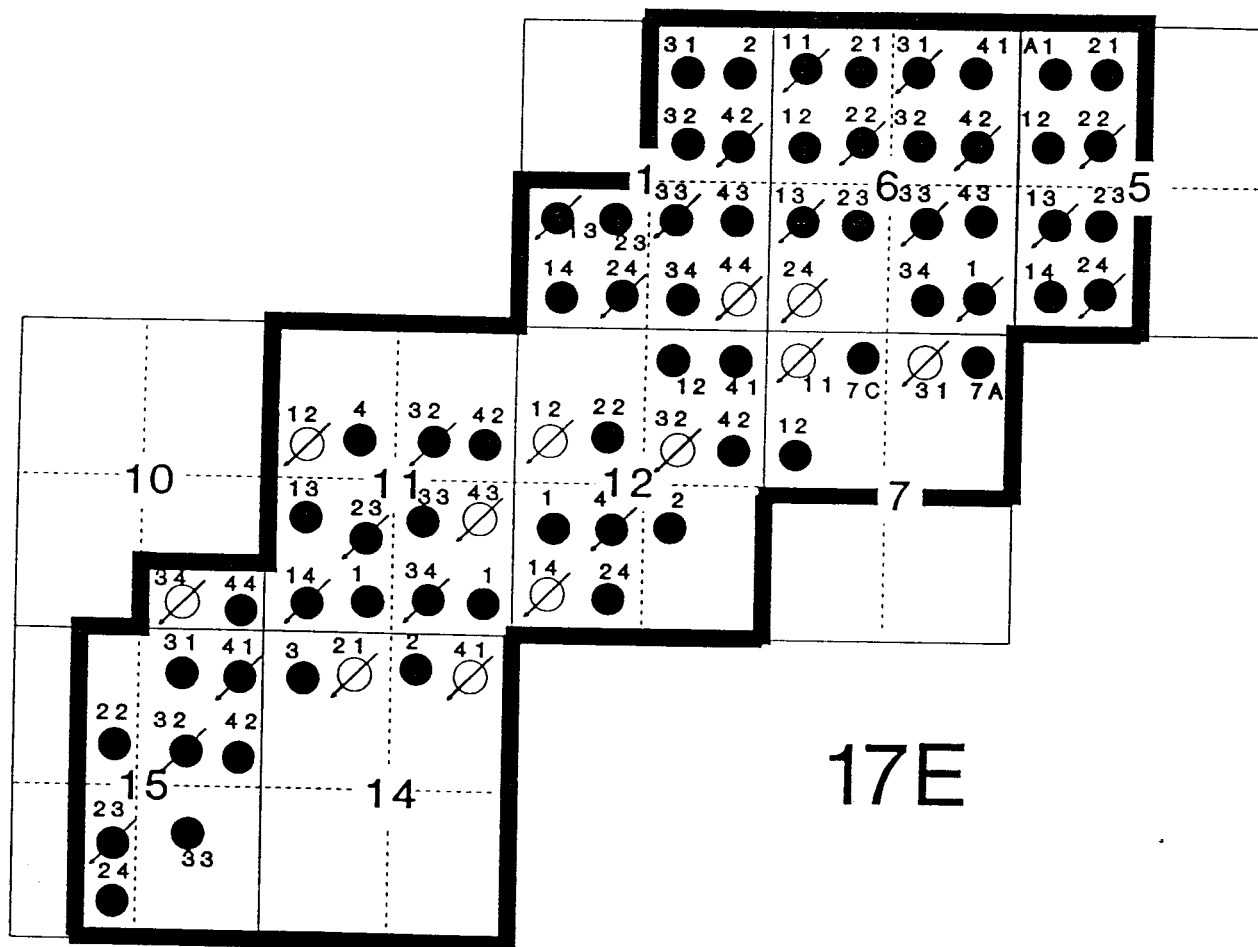
WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

# JONAH (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-020252-A**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**JONAH**

8. Well Name and No.

**ALLEN FEDERAL 34-6**

9. API Well No.

**43-013-30586**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**0662 FSL 2075 FEL SW/SE Section 6, T09S R17E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

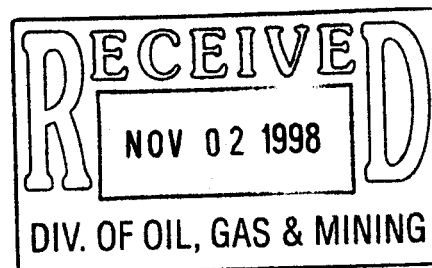
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Debbie E. Knight*

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Inland Production Company Site Facility Diagram

Allen Federal 34-6

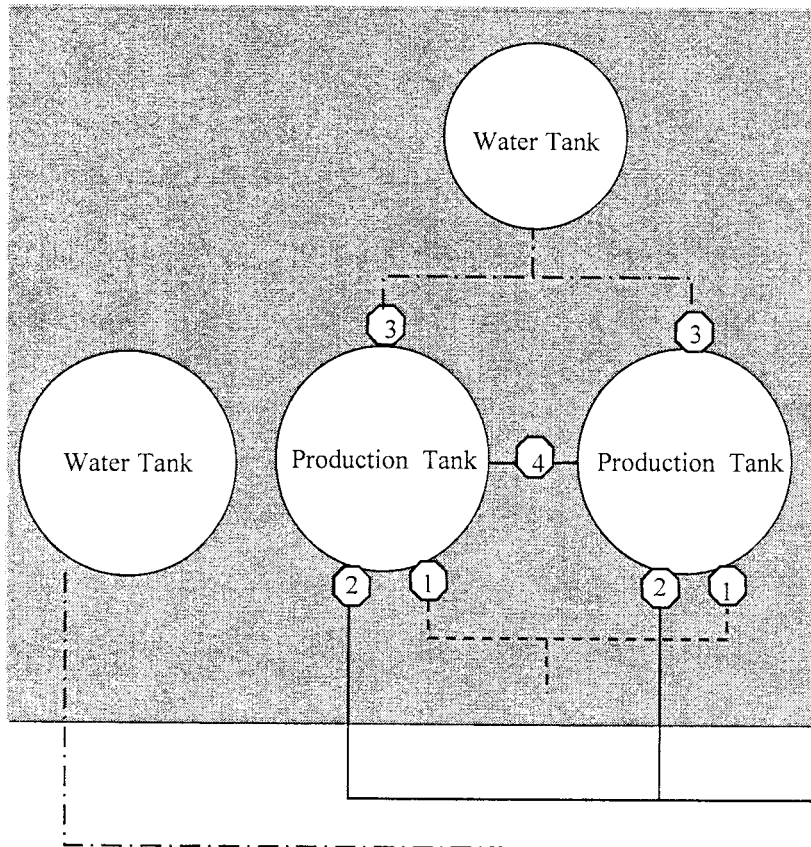
SW/SE Sec. 6, T9S, 17E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Diked Section



## Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

## Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

## Draining Phase:

- 1) Valve 3 open

## Legend

Emulsion Line.....  
Load Line - - - - -  
Water Line - - - - -  
Oil Line \_\_\_\_\_  
Gas Sales - . . . . .

Gas Sales Meter

Pumping Unit

Well Head

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**662' FSL & 2075' FEL SW/SE Sec. 8, T. 9S. R. 17E**

5. Lease Designation and Serial No.

**U-020252**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**Jonah**

8. Well Name and No.

**A.F. 34-6-9-17**

9. API Well No.

**43-013-30586**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTA**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☒ Recompletion *(Report)*  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On June 7, 2002 Recompletion process was initiated. Subject well was cleaned out to PBTD off 5407'. New Zones were perforated in the Green river interval of 4148-51' & 4159-4162', & 4189-99', & 4223-37'. Zones was perforated with 4" Guns @ 4 JSPF & 90\* Phased. Additional 30' of zone & 120 holes were added. New intervals were Hydraulically fractured with 100,500 #'s of 20/40 sand in 698 bbls Viking 1-25 fluid. Well then was swabbed clean & returned to normal production. on June 13, 2002

**RECEIVED**

**JUN 18 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Pat Wisener*  
Pat Wisener

Title

**Completion Foreman**

Date

**06/17/2002**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

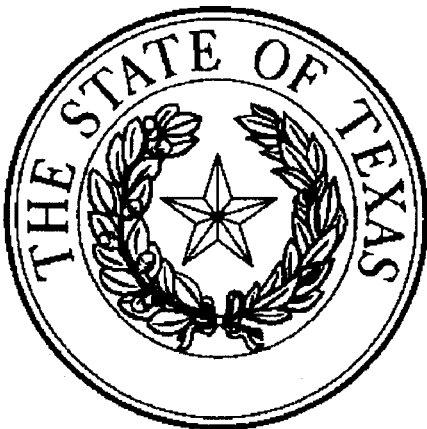
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**CA No.****Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 2-1	01	090S	160E	4301330603	11492	Federal	OW	P
GOATES FED 1	11	090S	160E	4301315789	11492	Federal	OW	P
MONUMENT FED 13-11J	11	090S	160E	4301315790	11492	Federal	OW	S
WALTON FED 1	11	090S	160E	4301315792	11492	Federal	OW	P
WALTON FED 4	11	090S	160E	4301315795	11492	Federal	OW	P
MONUMENT FED 42-11J	11	090S	160E	4301330066	11492	Federal	OW	P
C&O GOVT 1	12	090S	160E	4301315111	11492	Federal	OW	P
C&O GOVT 2	12	090S	160E	4301315112	11492	Federal	OW	P
MONUMENT FED 22-12J	12	090S	160E	4301315796	11492	Federal	OW	P
GOATES FED 3	14	090S	160E	4301315791	11492	Federal	OW	P
WALTON FED 2	14	090S	160E	4301315793	11492	Federal	OW	P
ALLEN FED A-1	05	090S	170E	4301315780	11492	Federal	WI	A
ALLEN FED 1-6	06	090S	170E	4301315779	11492	Federal	WI	A
ALLEN FED 23-6	06	090S	170E	4301330558	11492	Federal	OW	P
ALLEN FED 32-6	06	090S	170E	4301330559	11492	Federal	OW	P
ALLEN FED 41-6	06	090S	170E	4301330581	11492	Federal	OW	P
ALLEN FED 12-6	06	090S	170E	4301330582	11492	Federal	OW	P
ALLEN FED 43-6	06	090S	170E	4301330583	11492	Federal	OW	P
ALLEN FED 21-6	06	090S	170E	4301330584	11492	Federal	OW	P
ALLEN FED 34-6	06	090S	170E	4301330586	11492	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

- 6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street

DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

Ref: 8P-W-GW

FEB 17 2010

**CERTIFIED MAIL**

**RETURN RECEIPT REQUESTED**

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

RE: Additional Well to Jonah Unit Area Permit  
UIC Permit No. UT20642-00000  
Well ID: UT20642-08474  
Well: Allen Federal 34-6-9-17  
662' FSL & 2125' FEL  
SWSE Sec. 6-T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-30586

Dear Mr. Sundberg:

The Newfield Production Company's (Newfield) request to convert the former Green River Formation oil well Allen Federal 34-6-9-17 to an enhanced recovery injection well under the Jonah Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Jonah Area Permit No. UT20642-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,880 feet and the top of the Wasatch Formation, estimated to be at 5,993 feet in the Allen Federal 34-6-9-17 well.

**RECEIVED**

**MAR 03 2010**

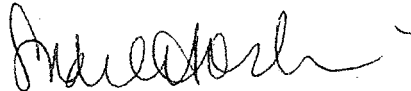
**DIV. OF OIL, GAS & MINING**


Prior to receiving authorization to inject, EPA requires that Newfield submit for review and approval: (1) the results of a Part 1 (Internal) mechanical integrity test (MIT), (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Allen Federal 34-6-9-17 well was determined to be 1,370 psig. UIC Area Permit UT20642-00000 provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates the minimum formation breakdown pressure.

If you have any questions, please call Jason Deardorff at (303) 312-6583 or 1-(800)-227-8917 (Ext. 312-6583). Please submit the required data to Jason Deardorff at the letterhead address, citing MAIL CODE: 8P-W-GW.

Sincerely,



 Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

Encl: Authorization for Additional Well  
EPA Form No. 7520-12 (Well Rework Record)  
Wellbore and P&A diagrams for Balcron Monument Federal 34-6-9-17

cc: Permit Letter:  
Uintah & Ouray Business Committee:  
Curtis Cesspooch, Chairman  
Ronald Groves, Councilman  
Irene Cuch, Vice-Chairwoman  
Steven Cesspooch, Councilman  
Phillip Chimburas, Councilman  
Frances Poowegup, Councilwoman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku  
Director, Natural Resources  
Ute Indian Tribe

Larry Love  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Gil Hunt  
Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

**AUTHORIZATION FOR ADDITIONAL WELL**

**UIC Area Permit No: UT20642-00000**

The Jonah Unit Final UIC Area Permit No. UT20642-00000, effective December 22, 1992, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On July 14, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	<b>Allen Federal 34-6-9-17</b>
EPA Well ID Number:	<b>UT20642-08474</b>
Location:	662' FSL & 2125' FEL SWSE Sec. 6 T9S-R17E Duchesne County, Utah API #43-013-30586

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20642-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20642-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: **FEB 17 2010**

**Stephen S. Tuber**

\*Assistant Regional Administrator

Office of Partnerships and Regulatory Assistance

*\* The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20642-00000

Well: Allen Federal 34-6-9-17 EPA Well ID: UT20642-08474

Printed on Recycled Paper

## **INJECTION WELL-SPECIFIC REQUIREMENTS**

Well Name: **Allen Federal 34-6-9-17**  
EPA Well ID Number: **UT20642-08474**

### **Prior to Commencing Injection Operations, the permittee shall submit the following information:**

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.
2. Pore pressure calculation of the proposed injection zone;
3. A successful Part I (internal) Mechanical Integrity test (MIT)

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

All depths reference the Kelly Bushing (KB) datum unless otherwise specified.

**Approved Injection Zone:** Well injection is authorized between a depth of 3,880 feet (ft.) within the Garden Gulch Member of the Green River Formation, to the top of the Wasatch Formation at a depth of 5,993 ft.

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is 1,370 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.77 \text{ psi/ft} \quad \text{SG} = 1.015 \quad \text{D} = 4,148 \text{ ft. (top perforation depth)}$$
$$\text{Initial MAIP} = 1,370 \text{ psig}$$

UIC Area Permit No. UT20642-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test that demonstrates the formation parting pressure.

**Well Construction: Casing and Cementing:** The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

**Well Construction: Tubing and Packer:** 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 ft. above the top perforation.

### **Demonstration of Mechanical Integrity:**

- (1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (External) Mechanical Integrity is not required at this time.

**Demonstration of Financial Responsibility:** The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 2,997 to 2,790 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 187-foot balanced cement plug inside the 5-1/2" casing from approximately 2,997 to 2,790 ft.

PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,454 ft., from approximately 1,514 to 1,394 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from approximately 1,514 to 1,394 ft.

PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2" casing to 301 ft. and up the 5-1/2" x 8-5/8" casing annulus to the surface.

## **INJECTION WELL-SPECIFIC CONSIDERATIONS**

Well Name: **Allen Federal 34-6-9-17**  
EPA Well ID Number: **UT20642-08474**

**Underground Sources of Drinking Water (USDWs):** USDWs in the Jonah Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at 203 ft. near the Allen Federal 34-6-9-17 well.

**http:NRWRT1.NR.STATE.UT.US:** There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

**Composition of Formation and Injectate Water:** The Total Dissolved Solids (TDS) content of water produced from the injection zone for the Allen Federal 34-6-9-17 well was determined to be 12,447 mg/l on April 29, 2009. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation waters at or near the Allen Federal 34-6-9-17 well.

The TDS content of injectate was determined to be 3,078 mg/l on January 6, 2009. The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water resulting in a TDS content less than 10,000 mg/l.

**Aquifer Exemption:** An Aquifer Exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

**Confining Zone:** A 2003 Major Modification to UIC Permit No. UT20642-00000 designated an areal Confining Zone which directly overlies the Garden Gulch Member of the Green River Formation and is found between 3,490 ft and 3,684 ft. in the Allen Federal 34-6-9-17 well. However, the cement record shows no cement behind casing through this interval due to a 2-stage cementing program. To avoid the risks associated with cement-squeezing, two additional AOR-wide confining zones that do have cement behind casing in the Allen Federal 34-6-9-17 well have been identified as follows:

Shale "A": 3,800 to 3,880 ft. – cement adequate according to CBL analysis  
Shale "B": 3,916 to 3,998 ft. – cement adequate according to CBL analysis

**Injection Zone:** The Injection Zone at this well location is approximately 2,113 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from within the Garden Gulch Member at 3,880 ft. to the top of the Wasatch Formation which is estimated to be at 5,993 ft. Formation tops are either submitted by the operator or are based on correlations to the Newfield Production Federal 1-26-8-17 (UT20702-04671) Type Log.

**Well Construction:** The CBL does show a sufficient interval of continuous 80 percent or

Authorization for Additional Well: UIC Area Permit UT20642-00000  
Well: Allen Federal 34-6-9-17 EPA Well ID: UT20642-08474

greater cement bond index through the Confining Zone designated as Shale "A" (3,800 to 3,880 ft.). Further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is not required at this time.

Surface Casing: 8-5/8" casing is set at 251 ft. in a 12-1/4" hole, using 200 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,452 ft. in a 7-7/8" hole secured with 1200 sacks of cement. Total driller depth is 5,452 ft. Plugged back total depth is 5,413 ft. CBL shows the top of cement to be at 2,100 ft.

Perforations: Top perforation: 4,148 ft. Bottom perforation: 5,230 ft.

### **AREA OF REVIEW (AOR) WELL REQUIREMENTS**

The following four wells that penetrate the Confining Zone within or proximate to a 1/4-mile radius around the Allen Federal 34-6-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Monument Federal 24-6-9-17	API: 43-013-31363	SESW Sec. 6-T9S-R17E
Jonah Federal S-6-9-17	API: 43-013-33926	SWSE Sec. 6-T9S-R17E
Jonah Federal L-6-9-17	API: 43-013-33498	NWSW Sec. 6-T9S-R17E
Monument Federal 33-6-9-17	API: 43-013-31361	NWSE Sec. 6-T9S-R17E

#### **No Corrective Action Required on AOR wells:**

Monument Federal 24-6-9-17: This well was permitted as an injection well as part of the original Jonah Unit UIC Area Permit. There is a current Part II Mechanical Integrity (MI) demonstration on file for this well.

Jonah Federal S-6-9-17: The confining zone designated as Shale "A" occurs from 3,866 to 3,950 ft. in this well and is fully cemented with 80% cement bond index or greater.

Jonah Federal L-6-9-17: The confining zone designated as Shale "A" occurs from 3,842 to 3,930 ft. in this well and is fully cemented with 80% cement bond index or greater.

Monument Federal 33-6-9-17: This well was permitted as an injection well as part of the original Jonah Unit UIC Area Permit. There is a current Part II MI demonstration on file for this well.

#### **Reporting of Noncompliance:**

Authorization for Additional Well: UIC Area Permit UT20642-00000  
Well: Allen Federal 34-6-9-17 EPA Well ID: UT20642-08474

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

**Twenty-Four Hour Noncompliance Reporting:** The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

**Oil Spill and Chemical Release Reporting:** The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**

**Other Noncompliance:** The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

**Other Information:** Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known to him.

# Allen Federal 34-6-9-17

Spud Date: 10/21/1981

Put on Production: 11/30/1981

GL: 5333' KB: 5345'

Proposed Injection  
Wellbore Diagram

Initial Production: 77 BOPD,  
27 MCFD, 17 BWPD

## SURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 6 jts.

DEPTH LANDED: 251' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 200sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 85 jts.

DEPTH LANDED: 5452' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 1200 sxs 50/50 POZ mix.

CEMENT TOP AT: 126'

Base of USDW  
@  $\approx 203'$  per pub.  
92

Green River  
Top @ 1,454'

Trona/BN  
2,840-2,884'

Mahogany Bench  
2,906-2,927'

No cement across ACZ because  
longstring casing was cemented in  
2 stages. No cement from 3,400'-  
3,700'.

ACZ: 3,490'-3,684'

Shale "A": 3,800'-3,880'

Shale "B": 3,916'-3,998'

Top Garden  
Gulch @ 3,68'

Douglas Creek Top @ 4,673'

Packer @ 4113'

4148-4151'

4159-4162'

4189-4199'

4223-4237'

4690-4715'

4856-4868'

4873-4892'

5162-5177'

5189-5230'

PBTD @ 5413'

TD @ 5452'

## PERFORATION RECORD

11/12/81	5189-5230'	1 JSPF	42 holes
11/12/81	5162-5177'	1 JSPF	16 holes
11/14/81	4873-4892'	2 JSPF	39 holes
11/14/81	4856-4868'	2 JSPF	25 holes
11/15/81	4690-4715'	2 JSPF	51 holes
6/10/02	4223-4237'	4 JSPF	56 holes
6/10/02	4189-4199'	4 JSPF	40 holes
6/10/02	4159-4162'	4 JSPF	12 holes
6/10/02	4148-4151'	4 JSPF	12 holes

Castle Peak Estimated @  $\approx 5,473'$

Wasatch estimated @  $\approx 5,993'$

NEWFIELD

Allen Federal 34-6-9-17

662' FSL & 2125' FEL

SW/SE Section 6-T9S-R17E

Duchesne Co, Utah

API #43-013-30586; Lease #UTU-20252-A

MS 7/06/09

Attachment Q-2

# Allen Federal 34-6-9-17

Spud Date: 10/21/1981  
Put on Production: 11/30/1981  
GL: 5333' KB: 5345'

Initial Production: 77 BOPD,  
27 MCFD, 17 BWPD

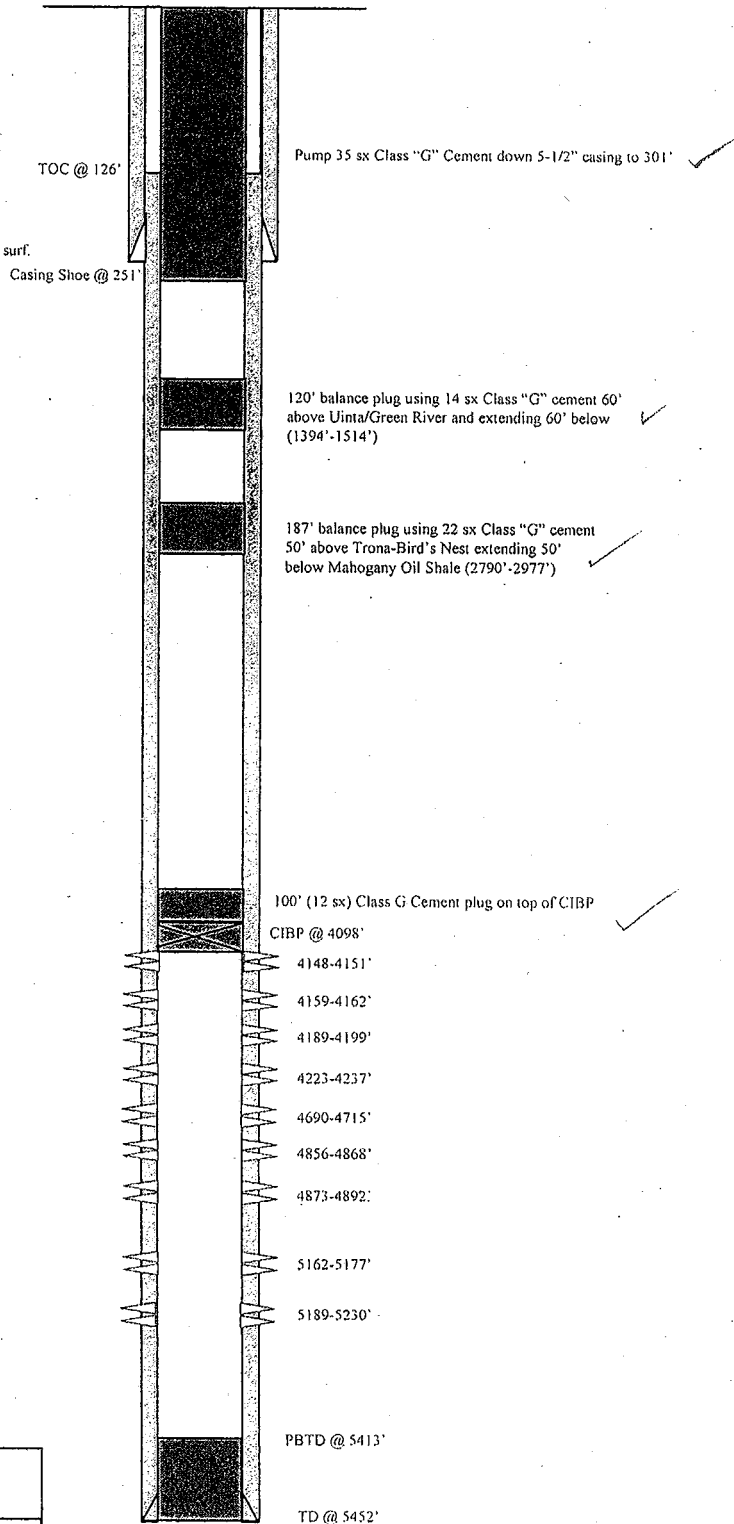
## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 6 jts.  
DEPTH LANDED: 251' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 200sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 85 jts.  
DEPTH LANDED: 5452' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 1200 sxs 50/50 POZ mix.  
CEMENT TOP AT: 126'



**NEWFIELD**

Allen Federal 34-6-9-17  
662' FSL & 2125' FEL  
SW/SE Section 6-T9S-R17E  
Duchesne Co, Utah  
API #43-013-30586; Lease #UTU-20252-A



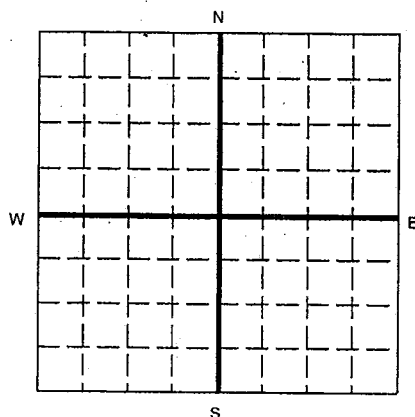
United States Environmental Protection Agency  
Washington, DC 20460

## WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on  
Section Plat - 640 Acres



State

County

Permit Number

Surface Location Description

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location ft. from (N/S) Line of quarter section

and ft. from (E/W) Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal  
☐ Enhanced Recovery  
☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

☐ Individual

☐ Area

Number of Wells:

Well Number

### WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

### WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

### Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252-A
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 662 FSL 2125 FEL		8. WELL NAME and NUMBER: ALLEN FED 34-6
5. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 6, T9S, R17E		9. API NUMBER: 4301330586
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 08/03/2010			

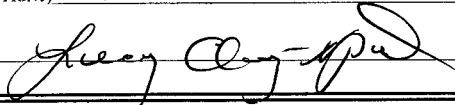
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 07/31/2010.

On 08/02/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/03/2010 the casing was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-08474 API# 43-013-30586

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 08/05/2010

(This space for State use only)

RECEIVED  
AUG 11 2010  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
662 FSL 2125 FEL  
SWSE Section 6 T9S R17E

5. Lease Serial No.

USA UTU-020252-A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

8. Well Name and No.  
ALLEN FED 34-6

9. API Well No.  
4301330586

10. Field and Pool, or Exploratory Area  
GREATER MB UNIT

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 07/31/2010.

On 08/02/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 08/03/2010 the casing was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-08474 API# 43-013-30586

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

08/05/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**  
**AUG 11 2010**  
**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 8 / 3 / 2010  
Test conducted by: Austin Harrison  
Others present: \_\_\_\_\_

Well Name: <u>Allen Fen. 34-6-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>		
Location: <u>34</u> Sec: <u>6</u> T <u>9</u> N <u>10</u> R <u>17</u> E W	County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>NEWFIELD PRODUCTION</u>		
Last MIT: <u>      </u> / <u>      </u> / <u>      </u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☐ No  
Initial test for permit? ☒ Yes ☐ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

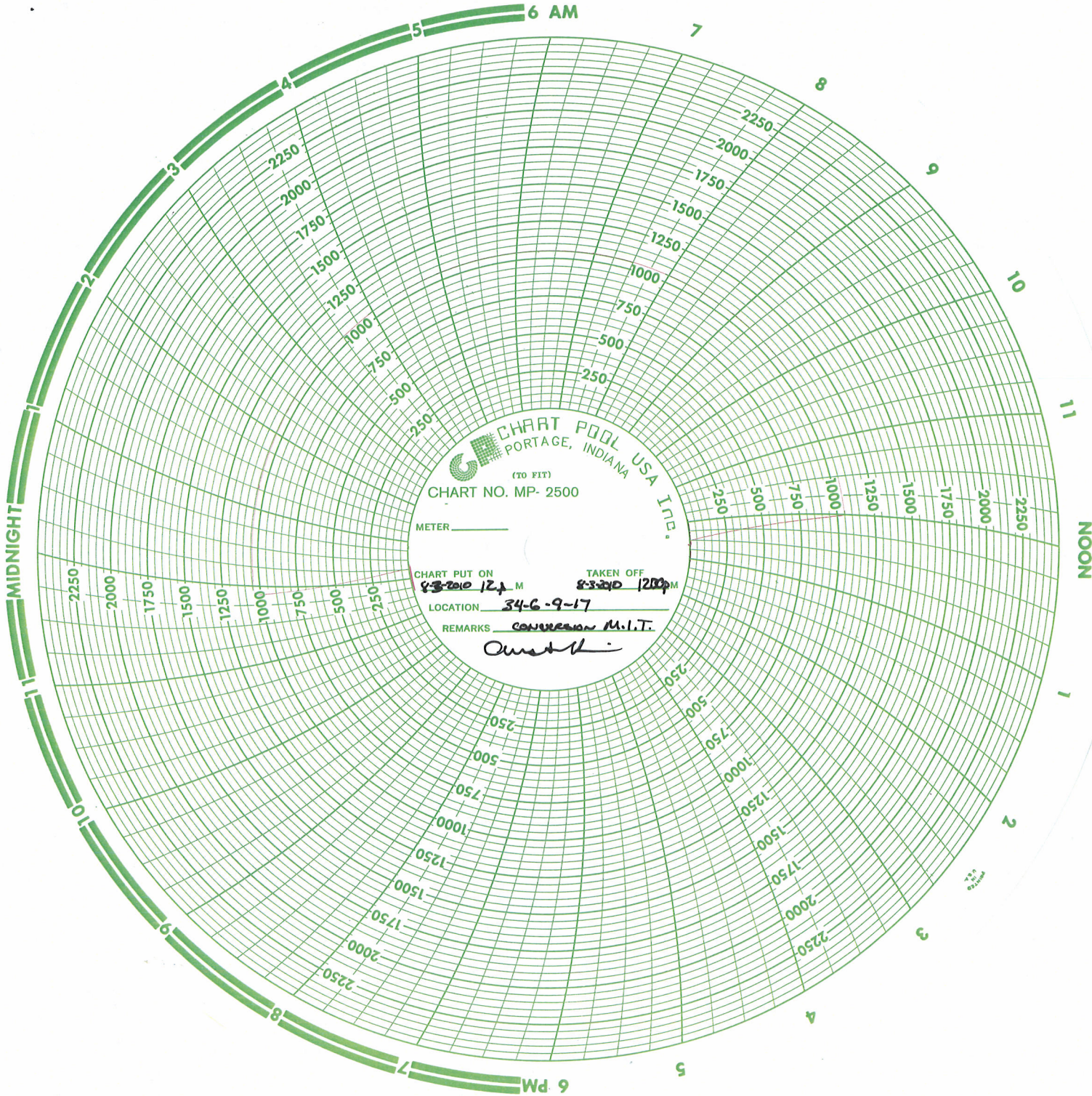
Pre-test casing tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1050</u> psig	psig	psig
5 minutes	<u>1050</u> psig	psig	psig
10 minutes	<u>1050</u> psig	psig	psig
15 minutes	<u>1050</u> psig	psig	psig
20 minutes	<u>1050</u> psig	psig	psig
25 minutes	<u>1050</u> psig	psig	psig
30 minutes	<u>1050</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:



**Daily Activity Report****Format For Sundry****ALLEN 34-6-9-17****5/1/2010 To 9/30/2010****7/30/2010 Day: 1****Conversion**

WWS #7 on 7/30/2010 - MIRU Western #7. LD rods & pump. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** (\$10,735)

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**7/31/2010 Day: 2****Conversion**

WWS #7 on 7/31/2010 - TOH W/ production tbg. TIH W/ packer & test injection tbg. - RU HO trk & flush tbg W/ 45 BW. ND wellhead & release TA @ 5144'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 56 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (smallbore W/ wicker slips & W.L. re-entry guide), new 2 3/8 SN and 128 jts 2 3/8 8rd 4.7# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Can't hold solid pressure. Re-pressure to 3000 psi & leave on overnight.

**Daily Cost:** \$0**Cumulative Cost:** (\$3,912)

---

**8/2/2010 Day: 3****Conversion**

WWS #7 on 8/2/2010 - Tested tbg. Set & test packer. RDMOSU. - Tbg pressure @ zero. RU HO trk & re-pressure several times--leaking off. Fish standing valve & drop new one. Pressure test to 3000 psi. Holds solid. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4067, CE @ 4071' & EOT @ 4075'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holding solid after 1 hour. RDMOSU. - Perform MIT. Run Vaughn Energy Services gyro survey.

**Daily Cost:** \$0**Cumulative Cost:** \$2,896

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**8/4/2010 Day: 4****Conversion**

Rigless on 8/4/2010 - Conversion MIT - On 8/2/2010 Jason Deardorff with the EPA was contacted concerning the Conversion MIT on the above listed well (Allen 34-6-9-17). On 8/3/2010 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT 20642-08474 API#43-013-30586 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$28,216

**Pertinent Files:** Go to File List



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

SEP 10 2010

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Michael Guinn  
District Manager  
Newfield Production Company  
Route 3 - Box 3630  
Myton, UT 84052

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

RE: Underground Injection Control (UIC)  
Authorization to Commence Injection  
EPA UIC Permit UT20642-08474  
Well: Allen Federal 34-6-9-17  
SWSE Sec. 6-T9S-R17E  
Duchesne County, UT  
API No.: 43-013-30586

Dear Mr. Guinn:

The Environmental Protection Agency (EPA), Region 8, has received Newfield Production Company's (Newfield) August 5, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20642-08474.

As of the date of this letter, Newfield is authorized to commence injection into the Allen Federal 34-6-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,370 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

As of this approval, responsibility for permit compliance and enforcement is transferred to EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Nathan Wiser at the following address, referencing the well name and UIC Permit number on all correspondence:

**RECEIVED**

**SEP 22 2010**

DIV. OF OIL, GAS & MINING

Mr. Nathan Wiser  
U.S. EPA Region 8: 8ENF-UFO  
1595 Wynkoop Street  
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20642-08474.

If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-6583.

Sincerely,



Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:  
Curtis Cesspooch, Chairman  
Frances Poowegup, Vice-chairwoman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman  
Irene Cuch, Councilwoman  
Richard Jenks, Jr., Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

Manual Myore  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WI</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252-A
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 662 FSL <sup>3075</sup> 2125 FEL		8. WELL NAME and NUMBER: ALLEN FED 34-6
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4301330586
6. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 6, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
7. COUNTY: DUCHESNE		8. STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>09/28/2010</u>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 2:00 PM on 09-28-2010.

EPA # UT20642-08474 API # 43-013-30586

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>09/28/2010</u>

(This space for State use only)

RECEIVED  
SEP 30 2010

DIV. OF OIL, GAS & MINING

## NEWFIELD



## Schematic

Well Name: Allen 34-6-9-17

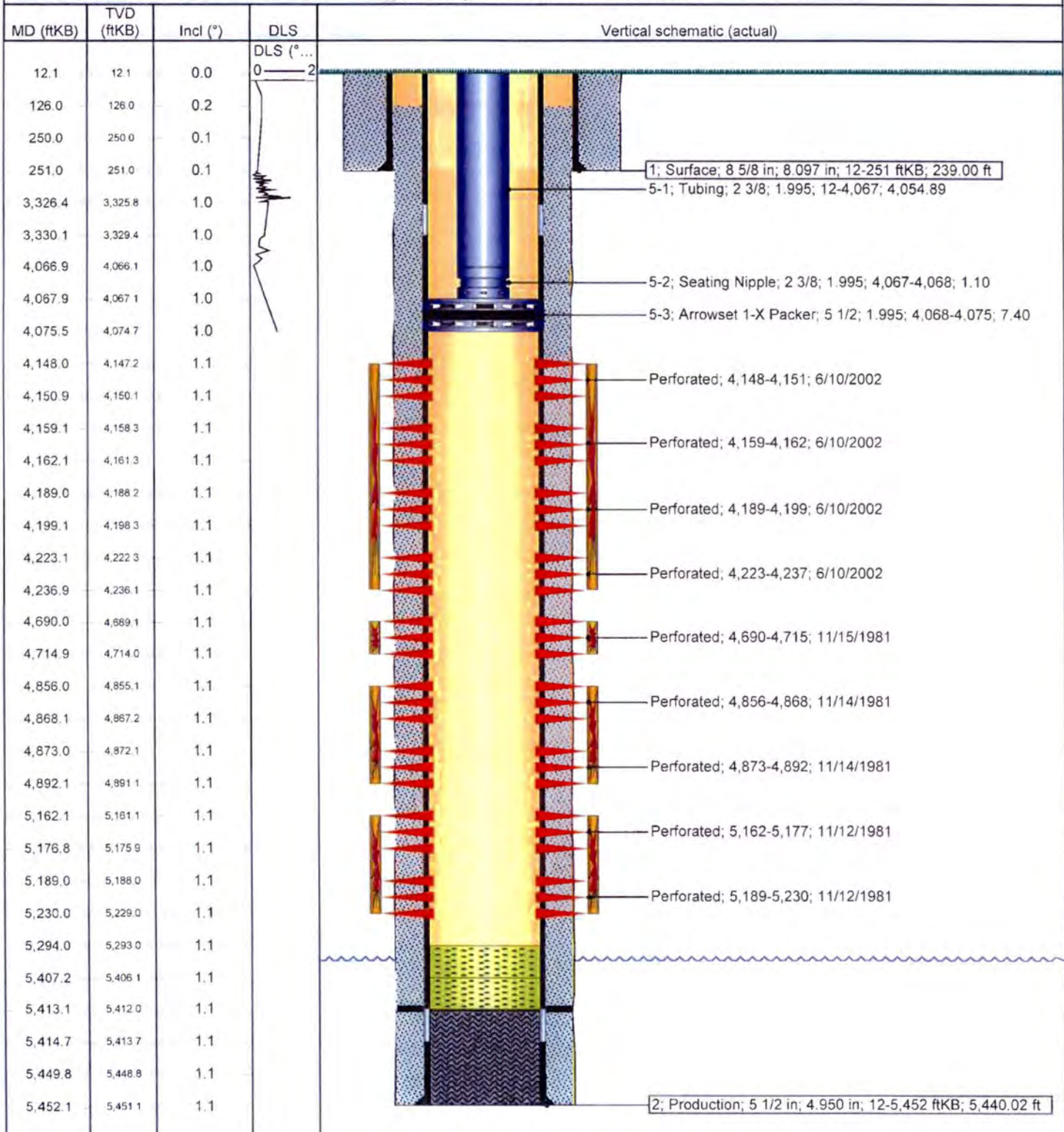
Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
06-9S-17E	43013305860000	500151886		Utah	GMBU CTB5	DUCHESNE
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
10/21/1981	11/3/1981	11/30/1981	5,345	5,333		Original Hole - 5,413.0

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Production / Workover	Clean-out	N/A	3/6/2014	3/6/2014

TD: 5,452.0

Vertical - Original Hole, 5/12/2015 10:05:57 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Allen 34-6-9-17

Surface Legal Location 06-9S-17E		API/UWI 43013305860000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB5	
Well Start Date 10/21/1981		Spud Date 10/21/1981		Final Rig Release Date 11/3/1981	
Original KB Elevation (ft) 5,345		Ground Elevation (ft) 5,333		On Production Date 11/30/1981	
Total Depth (ftKB) 5,452.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,413.0	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/21/1981	8 5/8	8.097	24.00	K-55	251
Production	11/3/1981	5 1/2	4.950	15.50	J-55	5,452

### Cement

#### String: Surface, 251ftKB 10/21/1981

Cementing Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 251.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type 1	Amount (sacks) 200	Class H	Estimated Top (ftKB) 12.0

#### String: Production, 5,452ftKB 11/3/1981

Cementing Company		Top Depth (ftKB) 3,326.6	Bottom Depth (ftKB) 5,452.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2 % gel, 10% salt, .06% Halaad 24 1/4# F;psea;		Fluid Type Lead	Amount (sacks) 350	Class 50/50 Poz	Estimated Top (ftKB) 3,330.1

#### String: Production, 5,452ftKB 11/3/1981

Cementing Company		Top Depth (ftKB) 126.0	Bottom Depth (ftKB) 3,326.6	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 8% gel, 5# gilsonite, 10% salt, 1/4# Floseal		Fluid Type Tail	Amount (sacks) 850	Class 50/50 Poz	Estimated Top (ftKB) 126.0

### Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					7/30/2010		4,075.4	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	128	2 3/8	1.995	4.70	J-55	4,054.89	12.0	4,066.9
Seating Nipple		2 3/8	1.995			1.10	4,066.9	4,068.0
Arrowset 1-X Packer		5 1/2	1.995			7.40	4,068.0	4,075.4

### Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

### Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,407	5,413	6/7/2002	
Fill	5,294	5,407	8/24/2007	

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
4	GB2 sds, Original Hole	4,148	4,151	4	90		6/10/2002
4	GB2 sds, Original Hole	4,159	4,162	4	90		6/10/2002
4	GB4 sds, Original Hole	4,189	4,199	4	90		6/10/2002
4	GB6 sds, Original Hole	4,223	4,237	4	90		6/10/2002
3	D1 sds, Original Hole	4,690	4,715	2		0.441	11/15/1981
2	C sds, Original Hole	4,856	4,868	2		0.441	11/14/1981
2	C sds, Original Hole	4,873	4,892	2		0.441	11/14/1981
1	A sds, Original Hole	5,162	5,177	1		0.441	11/12/1981
1	A sds, Original Hole	5,189	5,230	1		0.441	11/12/1981

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,190		35.0	2,580			
2	1,710		37.6	2,150			
3	1,960		38.0	2,180			
4	2,000	0.91	27.5	2,215			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 122500 lb
2		Proppant White Sand 65000 lb



Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		Proppant White Sand 65000 lb
4		Proppant White Sand 100500 lb

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-020252A
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ALLEN FED 34-6
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0662 FSL 2075 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSE Section: 06 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013305860000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/1/2015	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 07/01/2015 the casing was pressured up to 1129 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1565 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08474		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto		<b>PHONE NUMBER</b> 435 646-4874
<b>SIGNATURE</b> N/A		<b>TITLE</b> Water Services Technician
<b>DATE</b> 7/2/2015		<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> July 06, 2015

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_

Date: 7 / 1 / 15Test conducted by: PETE MONTAGNA

Others present: \_\_\_\_\_

Well Name: ALLEN FEDERAL 34-6-9-17 Type: ER SWD Status: AC TA UC  
Field: Monument Butte  
Location: 34 Sec: 6 T 9 N (S) R 17 (E) W County: Duchesne State: UT  
Operator: NEWFIELD Exp.  
Last MIT: 1 / 1 Maximum Allowable Pressure: 1786 PSIG

Is this a regularly scheduled test?

☒ Yes ☐ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☐ Yes ☒ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 / 1127 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>1566</u> psig	psig	psig
End of test pressure	<u>1565</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>11.6 / 1127</u> psig	psig	psig
5 minutes	<u>1128</u> psig	psig	psig
10 minutes	<u>1128</u> psig	psig	psig
15 minutes	<u>1128</u> psig	psig	psig
20 minutes	<u>1128</u> psig	psig	psig
25 minutes	<u>1129</u> psig	psig	psig
30 minutes	<u>1129</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

Allen Federal 34-6-9-17, 5-YR MIT, (7-1-15)

7/1/2015 8:20:23 AM

